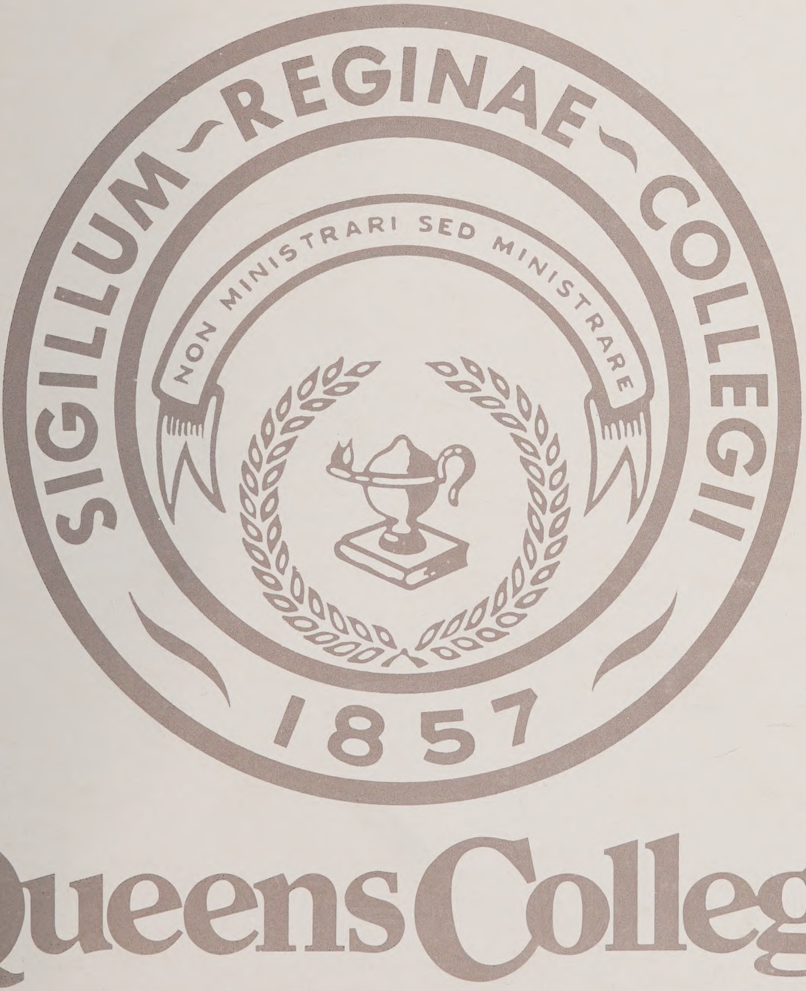
Bulletin 1982-83

Celebrating
125 Years of
Sharing
Knowledge



Queens College

Queens College Calendar
1982-83

Term I	**1982**
Saturday, Aug. 21	Freshmen Arrive
Saturday, Aug. 21-Tuesday, Aug. 24	Orientation
Wednesday, Aug. 25	Registration
Thursday, Aug. 26	Classes Begin
Tuesday, Sept. 7	Senior Recognition Day
Friday, Oct. 8 (Friday only)	Fall Break
Wednesday, Oct. 13	Midterm
Wednesday, Oct. 20	Last Day to Withdraw with a "W"
Friday, Oct. 22-Sunday, Oct. 24	Parents' Weekend
Thursday, Nov. 11-Saturday, Nov. 13	Drama Production
Friday, Nov. 19	Classes End for Thanksgiving, 5 p.m.
Sunday, Nov. 28	Residence Halls Open, 3 p.m.
Monday, Nov. 29	Classes Resume
Wednesday, Dec. 1	Boar's Head Dinner
Sunday, Dec. 5	Love Feast, Belk Chapel
Thursday, Dec. 9	Classes End
Friday, Dec. 10	Reading Day
Saturday, Dec. 11	Exams Begin
Sunday, Dec. 12	Yule Log Ceremony
Thursday, Dec. 16	Exams End

January Term	**1983**
Sunday, Jan. 2	Residence Halls Open, 3 p.m.
Monday, Jan. 3	Registration; Classes Begin
Friday, Jan. 21	Classes End

Term II	
Monday, Jan. 24	Registration
Tuesday, Jan. 25	Classes Begin
Tuesday, Feb. 1	Honors Convocation, Belk Chapel
Friday, Feb. 18-Sunday, Feb. 20	Dads' Weekend
Wednesday, March 9	Midterm
Wednesday, March 16	Last Day to Withdraw with a "W"
Friday, March 25	Spring Recess Begins, 5 p.m.
Monday, April 4	Residence Halls Open, 3 p.m.
Tuesday, April 5	Classes Resume
Saturday, April 16	Alumnae Homecoming
Thursday, April 21-Saturday, Apr. 23	Drama Production
Friday, April 22-Sunday, Apr. 24	Moms' Weekend
Friday, April 29-Sunday, May 1	May Day Weekend
Thursday, May 5	Classes End
Friday, May 6	Reading Day
Saturday, May 7	Exams Begin
Thursday, May 12	Exams End
Friday, May 13	Baccalaureate
Saturday, May 14	Graduation

May Term
Monday, May 16—Friday, June 3

June Term
Monday, June 6—Friday, June 24

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Celebrating 125 Years of Sharing Knowledge

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Queens College

Queens College admits students regardless of race, color, national and ethnic origin, or handicap to all the rights, privileges, programs and activities generally accorded or made available to students at the college. It does not discriminate on the basis of race, color, national or ethnic origin, or handicap in administration of its educational policies, admissions policies, scholarship or loan programs, and athletic and other college-administered programs.

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Campus Map . . Inside Back Cover

Introduction To Queens College

Queens College Today

Queens College has long been identified as a private, church-related, undergraduate liberal arts college for women. While in recent years Queens has become a multi-unit institution serving a diversified group of students, the traditional liberal arts college has remained a women's college with a continuing commitment to academic excellence. Still the core of the institution, it is known today as the College of Arts and Sciences to distinguish it from two new coeducational units which offer evening and weekend classes — New College, which grants undergraduate degrees, and the Graduate School at Queens, which awards the Master of Business Administration degree.

The educational philosophy of Queens College emphasizes a solid commitment to the study of the liberal arts. The college believes that an education founded upon the liberal arts is the soundest preparation for a meaningful and successful life; that the liberal arts uniquely develop the student's intellectual breadth, originality and creativity, motivation, judgment, and capacity for acute reasoning and integrative thought; and that no matter how much our world changes, the results of a good liberal arts education never become obsolete. This commitment permeates the academic programs of the college, and the Statement of Philosophy and Purpose and the Queens Concept clearly identify liberal arts education as the main goal of the undergraduate programs.

Statement of Philosophy and Purpose

Queens College, private and Presbyterian, is a diversified academic community serving a variety of learners, both men and women, of all ages.

The college has evolved into a dynamic educational center of academic distinctiveness which not only has a strong residential liberal arts base, but which also reaches into the community to serve a diversity of learners in appropriate ways.

Queens' historic concern for academic excellence, Judaeo-Christian values, and cultural enrichment remains central to the college's mission. In addition, heightened emphasis on career strategies, life-long learning, and community outreach are incorporated into the educational purpose.

Basic components of the academic community are Queens College of Arts and Sciences for women, New College at Queens, and the Graduate School at Queens. In addition to these, Queens College offers coursework through the Institute for Lifelong Learning for those who seek education and enrichment outside the context of formal degree programs.

Queens College maintains its historic and central role as a women's college in the undergraduate liberal arts College of Arts and Sciences, which advocates and works toward the preparation of women for varied and changing roles in society: career and professional opportunity, marriage and family, and civic and community leadership, within a framework that stresses the joy of liberal learning and the rigor of intellectual discipline. The college seeks to give a woman disciplined self-confidence and sound judgment and to encourage in her qualities of leadership, understanding of her own and other cultures, and a concern for others.

Queens recognizes the historical circumstances which make the present time especially opportune for the advancement of women and recognizes also that for full development, women must be engaged in a serious, exciting learning experience which will develop the life of the mind and of the spirit in a vitalizing and scholarly way.

The tenor of student life is recognized to be as significant a factor in student development as is an excellent academic program. The smallness of the college enables Queens to accentuate concern for the individual and to provide the personal and intellectual interaction, caring, fun and fellowship that are possible in such a setting. A sense of belonging and of college spirit results for faculty and students alike.

New College at Queens offers an undergraduate liberal arts degree program on a part-time, co-educational basis. The program is firmly grounded in the liberal arts tradition and emphasizes the joy of learning within a framework of continuing personal and intellectual development.

The Graduate School at Queens provides post-baccalaureate, co-educational opportunities for advanced study and research in demanding and distinctive academic and professional programs. The Graduate School is designed to offer a stimulating, challenging, and scholarly community for the maximum intellectual and personal development of both students and faculty.

A fundamental commitment in all these segments of the college is to help students learn how to learn. Each student is encouraged to be intellectually alive and curious and to employ, in a disciplined and creative way, a unique personal potential.

Each student is encouraged to focus on productivity, both for self and for community. Initiative, industry, and self-reliance are translated from self-awareness and personal growth into the awareness of the need to serve and a concern for others.

Each student should learn to care. Unapologetically and without any attempt to coerce or indoctrinate, the value background of Queens College is the Judaeo-Christian heritage. Underlying each aspect of college life is the encouragement and cultivation of sound moral and spiritual values. Queens seeks to combine caring teachers and enlightened social policies into a learning community which knows the moral end it seeks: a just, enlightened, humane society. Into this framework the college welcomes students of all faiths and beliefs.

Thus learning, caring, and productivity come together through a diverse institution into a life of meaningful wholeness. The mission of the total college is to develop the mind and spirit and to prepare students to be intellectually aware, academically competent, spiritually challenged, and personally fulfilled for a successful future.

In addition to the degree programs of the college, the Queens Institute for Lifelong Learning provides non-degree opportunities for continuing education to students of all ages, both male and female. Service to the community is a key mission and is reflected in an adaptable and comprehensive curriculum.

The members of the Queens Community call on all who believe in these principles to join with them in the continuing development of the spirit and substance of this mission.

The Queens Concept

An outgrowth of the philosophy and mission of the college is the academic program and the integration of academic, cultural, and student support services of the college. Broadly conceived, this educational undertaking is known as the Queens Concept. It focuses upon competence in the areas of reading, writing, speaking, and mathematics; an understanding of our own and others' cultures; and value clarification. The college seeks to achieve these objectives of the Queens Concept through the distributed requirements of the curriculum, through in-depth study in a major discipline, through the leadership program, through personal and career development facilitated by the Queens Career Center, and through cultural experiences provided by the academic program or arranged by student affairs personnel.

History

Queens was founded in 1857 as the Charlotte Female Institute, then located on College Street near the center of the city. For five years after 1891 it was called the Seminary for Girls, and upon affiliation with the Presbyterian Synod of North Carolina in 1896, was known as the Presbyterian College for Women. In 1912, anticipating the move to its present campus in the Myers Park residential area in 1914, it became Queens College.

That name revived pre-Revolutionary traditions, for in 1771 a group of North Carolina colonists sought a royal charter for Queens College to be located in the town of Charlotte, which was named for the British queen, Charlotte of Mecklenburg. George III refused the petition, doubting the wisdom of creating an nstitution to perpetuate non-conformist views favored by the Scotch-Irish Presbyterians who had settled n Piedmont Carolina. A school was chartered in 1773, however, under the unusual title of Queens Museum. During the Revolution it sympathized with the colonial cause and became known as the Liberty Hall Academy. The academy's post-Revolutionary history is sketchy, but in 1821 the Male and Female Academy Corporation was chartered to operate the Liberty Male Academy, the precursor of Davidson College, and the Charlotte Female Academy, the precursor of the Charlotte Female Institute.

In 1930, Queens became related to the Presbyterian Synod of South Carolina through a merger with Chicora College, Columbia, S.C. (formerly in Greenville). Since Chicora itself had earlier merged with the College for Women, Columbia, Queens continues the tradition of two South Carolina women's colleges. With the creation of the Synod of the Southeast in 1973, Queens' official church relationship was extended to include Presbyterians in Georgia as well as those in the Carolinas.

The legal authorization of the institution is in the charter granted by the General Assembly of the State of North Carolina. The Board of Trustees holds title to the property of the college and is responsible for Queens' total program. The 34-member board—composed of business, professional, religious, and alumnae leaders—is elected by the Synod of North Carolina (10 members), the Synod of the Southeast (8), trustees (12), and the Queens College Alumnae Association (4).

Presidents

Robert Burwell
1857-1872

Robert Hett Chapman
1872-1875

Stephen Taylor Martin
1875-1878

William Robert Atkinson
1878-1891

Lily W. Long
1891-1899

James R. Bridges
1899-1911

John Livy Caldwell
1911-1916

James R. Bridges
Acting, 1916-1917
Henry Clay Evans
1917-1918
William Anderson
Acting, 1918-1921
William Henry Frazer
1921-1939
Hunter Bryson Blakely
1939-1950
McAlister Carson
Acting, 1950-1951
Charlton Coney Jernigan
1951-1953
Herschel Hill Everett
Acting, 1953-1954
Edwin Ruthven Walker
1954-1965
Acting, 1965-1967
John Edwin Smylie
1967-1974
Alfred O. Canon
1974-1977
Billy O. Wireman
1978-Present

Accreditation

Queens College is fully accredited by the Southern Association of Colleges and Schools. The National Association of Schools of Music and the National Association for Music Therapy, Inc., have accredited the college's programs in music and music therapy, respectively. The North Carolina Department of Public Instruction has fully accredited the education programs at the college. Queens is also approved for veterans' education.

The New College at Queens

The New College at Queens was authorized by the Board of Trustees on April 30, 1979. It is coeducational and offers an undergraduate liberal arts program leading to a Bachelor of Arts degree with a major in business administration, English, computer science, or psychology. It was designed for part-time students whose work and other responsibilities prohibit them from attending classes during the day. Classes are held in the evenings and on weekends and the course offerings are scheduled so that a student may obtain a bachelor's degree in four and one-half to five years.

The Graduate School at Queens

On April 30, 1979, the Queens College Board of Trustees approved the addition of a new administrative and educational unit to the college entitled "The Graduate School." The Trustees also granted approval for the Master of Business Administration to be the first graduate degree program to be offered by Queens.

In December 1979, the Southern Association of Colleges and Schools authorized Queens College to offer graduate level instruction leading to the master's degree in Business Administration.

The Graduate School at Queens is a member of the Conference of Southern Graduate Schools. Queens College is a member of the American Assembly of Collegiate Schools of Business and the Southern Business Administration Association.

The Graduate School provides post-baccalaureate, co-educational opportunities for advanced study and research in demanding and distinctive academic and professional programs. It is designed to offer a stimulating, challenging, and scholarly community for the maximum intellectual and personal development of both students and faculty.

Queens Institute for Lifelong Learning (QUILL)

The fourth unit of the college is the Queens Institute for Lifelong Learning, which offers a varied and extensive program of non-credit continuing education.

QUILL endeavors to offer learning opportunities to members of the community who wish to continue study or to develop particular interests without a concern for gaining academic credit. Many QUILL courses are career-oriented; others are offerings from the liberal arts curriculum; there are also courses concerned with self-improvement and courses for children. Specially designed QUILL conferences, seminars, and courses meet many of the needs of the business and professional community.

The Campus

Queens College is located on a large wooded campus in the Myers Park area of Charlotte and is bounded by Selwyn, Radcliffe, and Wellesley Avenues. The Georgian buildings, constructed in 1914 when the college was moved to this site, have been extensively remodeled and continue in use. Their architectural motif of red brick with white trim has been incorporated in the more modern buildings.

Burwell Hall, 1914, is the focal point of the campus facing Selwyn Avenue. The building, in addition to housing administrative offices, has parlors which serve as a spacious reception area for guests and social events. Robert Burwell served as president of the Charlotte Female Institute from 1857 to 1872, and his wife, Margaret Anna Burwell, was teacher and principal.

Belk Chapel, 1950, was a gift made to Queens by the families and associates of William Henry Belk and Dr. John M. Belk, in their honor. Greek revival in architecture, it is equipped with a 39-rank organ, seats 750, and is used for weekly chapel and for other religious services and meetings. The Belk families have been loyal and generous supporters of the college.

The E.H. Little Fine Arts Center, 1966, contains the Suzanne Trezevant Little Recital Hall, the Charles A. Dana Auditorium, studios, practice rooms, and classrooms for music and drama. Graduation exercises, convocations, concerts, recitals, plays, and lectures are scheduled in the auditorium, which seats 1,000. Major donors of this facility were E.H. Little and Charles A. Dana, prominent philantropists.

The William H. Barnhardt Center, a dormitory facility completed in 1965, honors Mr. and Mrs. William H. Barnhardt. A prominent and devoted supporter of the college, Mr. Barnhardt was a member of the Board of Trustees.

Carol Hall, a handsome Georgian mansion built as a private residence in 1922, was given to the college in 1957 by Irwin Belk, Queens trustee and a generous supporter of the college. It is named in honor of his wife, Carol Grotnes Belk.

The Irwin-McKay Infirmary, 1958, was the gift of Thomas M. Belk and his wife, Katherine McKay Belk, honoring Dr. John R. Irwin, Dr. Hamilton W. McKay, and Dr. Henderson Irwin. It provides 12 hospital beds, rooms for consultations and treatment, and quarters for resident nurses.

Long Residence Hall, 1914, is named for Miss Lily W. Long, who served the college for half a century and was president from 1891 to 1899.

The Dana Classroom Building, 1961, honors Charles A. Dana, a generous benefactor of Queens College, and contains a large lecture hall, a language laboratory, classrooms, faculty offices, and seminar rooms designed for small, informal classes.

The Walker Science Building, 1966, with its laboratories, classrooms, offices for science and mathematics faculty, and research facilities for biology, chemistry, and physics, honors Dr. and Mrs. Edwin R. Walker. He was Queens' former president and chancellor.

McEwen Hall, 1914, was renovated in 1967, to provide 20 spacious classrooms and a number of faculty and administrative offices. It is named for Dr. Mildred Morse McEwen, alumna and professor emeritus of chemistry.

Watkins Hall, 1914, is named after Miss Mildred C. Watkins, member of the faculty from 1895 to 1909. It was remodeled in 1952 and again in 1978; it now houses the Art Department and exhibition galleries.

Morrison Hall, 1927, is named for its donor, Mrs. Cameron Morrison, wife of a distinguished governor of North Carolina. It includes a large dining hall, kitchen, auxiliary rooms, the Art Department's ceramics studio, dormitory space, and the bookstore.

Jernigan Student Center, 1914, was completely renovated in 1963 and redecorated in 1976. It houses the offices and library of the Queens Career Center, the campus post office, a snack bar, lounges, and offices of the Student Government Association, the Judicial Board, and student publications. Charlton Coney Jernigan was president of Queens from 1951 to 1953.

Ovens Physical Education Building, 1954, includes a large gymnasium, classrooms, a dance studio, and an Olympic-size swimming pool. David Ovens, business executive and merchant, was a Queens trustee and benefactor.

Belk Residence Hall, 1954, honors the late Mrs. William Henry Belk, alumna, trustee, and benefactor; it was a gift to Queens from Mrs. Belk's sons and daughter.

Harris Residence Hall, 1960, honors James J. Harris, vice-chairman of the Board of Trustees, and his wife, Angelia Morrison Harris, who have long been loyal and devoted supporters of the college.

Wallace Residence Hall, 1962, honors Mr. and Mrs. J.M. Wallace and family. Mrs. Wallace was an alumna, and J. Mason Wallace, Jr., was a college trustee.

Albright Residence Hall, 1964, is named in honor of Miss Thelma Albright, formerly dean of students and a long-time faculty member at Queens.

Three other buildings are named respectively for Dr. Elizabeth H. Blair, former dean of instruction; Mr. and Mrs. W.Z. Stultz, donors; and Miss Laura A. Tillett, professor emeritus of English. These buildings are used for administrative and instructional purposes.

The College Library

Everett Library, located at the center of the campus, also sits virtually at the demographic hub of the Charlotte metropolitan area. It is the descendant of two centuries of book buying among North Carolina's Scotch-Irish settlers. The present library collection was housed in Burwell Hall from the 1920s until the 1950s.

Through the generosity of Herschel Hill Everett, Chairman of the Board of Trustees from 1952-1967, and his wife Cornelia Nisbett Everett, the collection moved in 1960 into one of the city's most spacious and inviting structures. Colonel J. Norman Pease designed the building and Edmund D. Lewandowski's mosaic depicting the areas of knowledge available within the liberal arts tradition has become the visual focal point for the dormitory quadrangle.

The library collection is the core of the liberal arts community and is designed to support all regular academic programs of the college. To accomplish this end, over 88,000 catalogued volumes and 620 current periodicals are housed in open stacks on the upper two floors, available for student use. The lower floor houses 17,000 bound volumes of periodicals and 3,000 reels of microfilm including *The New York Times* from 1905. The Media Center also occupies the lower floor of the building. The collection, which is growing at a rate of 2,000 volumes a year, is further supported by additional funds: Rena Chambers Harrell (Reference), Mary Waters Covington, etc.

Since 1927, the Library has been a selective depository for U.S. government publications. As members of the Charlotte Area Educational Consortium, Queens students have limited access to the documents holdings in several area college libraries and to the public library system.

Although most books are centrally housed in the Everett Library, the Music Department maintains in E.H. Little Fine Arts Center a collection of phonograph records and scores pertaining to the history and performance of western music.

The Instructional Media Center is capable of serving the entire campus through the preparation of a variety of materials, including transparencies, audio reproduction, and video. Within this Media Center is located the Education Department's Curriculum Materials Collection of state-adopted textbooks and other learning materials appropriate for future teachers in pre-school through secondary school programs.

During the two main academic sessions the library is open from 8 a.m. to 11 p.m., Monday through Thursday; 8 a.m. to 9 p.m. on Friday; 10 a.m. to 5 p.m. on Saturday; and 2 p.m. to 11 p.m. on Sunday. The operation schedules for January, May, and June sessions are reduced. A 24-hour study room is provided in several of the dormitories for those students who wish to study when the library is not open.

Students have free access to the stacks and may receive instruction in the use of bibliographic and reference works at all times. The library encourages use by students, faculty and staff members, alumnae, Friends of the Library, ministers of the Mecklenburg Presbytery, and other individuals with special permission.

Everett Library maintains a special and unique relationship with its independently sponsored Friends of the Library organization. Founded in 1971, the community group hosts an annual "book and author" luncheon, contributes significantly to the interior decor of the building, provides modular study areas, and has established a Special Collections Room (1978) in honor of the late Rena C. Harrell, Queens' first librarian from 1926 to 1956. Located on the second floor, this special study room houses collections pertaining to Mecklenburg County's early history from 1751 to 1860, rare books and maps, and materials related to the history of Queens College.

Student Life and Student Services

Student Life

Queens College is aware that a major part of a student's education takes place outside the classroom in day-to-day living experiences and campus activities. Through group participation and interaction, the student comes to know herself as an individual, to realize her opportunities, and to be a creative member of the college community. To stimulate this process the college encourages student initiative and responsibility through student government, the honor system, and other student organizations and activities.

The Honor Code

The Honor Code is one of the cherished possessions of Queens College and is of fundamental importance in the educational experience.

The Honor Code regulates all phases of college life and is binding on all members of the community.

The Code is based on three basic principles: (1) truthfulness at all times; (2) respect for the property of others; (3) honesty in the performance of all academic work—tests, examinations, reports, term papers, and all other academic assignments.

When a member of the college community signs the Honor Code, it is an acceptance of the responsibilities of the honor system. This enables that member to enjoy the freedom and privilege of living in a community governed by mutual trust and respect.

Judicial Board

The Judicial Board, elected by the students, hears cases involving Honor Code violations, determines guilt, and imposes sanctions.

Convocations

Queens College holds major convocations in the fall and spring semesters. These are important events which contribute to the development in the Queens community of a spirit of unity, fellowship, and common purpose. Attendance at convocations is expected of all students in the College of Arts and Sciences.

Student Government Association

The Student Government Association is a means for student self-government. It is organized around major concerns of campus life and provides students experience in planning and administering cultural, social, and religious activities. S.G.A. appoints students to serve as voting members of many standing committees of the faculty.

Religious Life

Queens faculty and administration have made a religious commitment, which provides a climate and opportunity for the growth and nourishment of lasting religious values. Students are given the opportunity to develop their own religious beliefs by voluntarily taking part in the weekly campus chapel services, Christian fellowship groups, and retreats. The college chaplain is available to all members of the Queens College community as they seek spiritual understanding and growth.

Cultural Events

A student Cultural Events Committee plans a speakers series, a film series, and a coffeehouse series to be presented throughout the academic year. Also contributing to the cultural program are events such as dramatic productions, art exhibits, and music recitals.

Social Activities

The Social Activities Committee of S.G.A. sponsors dances, concerts, and other recreational activities.

The Web is a comfortable lodge on campus, complete with kitchen and fireplace. This facility is ideal for small parties, meetings, and dates.

The Hollow, a snack bar located in Jernigan Student Center, is also a setting for student gatherings as well as for musical entertainment, poetry readings, etc.

Four national sororities—Alpha Delta Pi, Chi Omega, Kappa Delta, and Phi Mu—provide additional activities for their members.

Athletics

Queens offers intercollegiate athletic competition in two sports: volleyball and tennis. The volleyball and tennis teams play full schedules against North Carolina and South Carolina schools. Athletes must fulfill Queens' eligibility requirements.

Recreation and Intramurals

Queens offers a varied program in recreation providing every student an opportunity to take part in a wide range of sports.

Ovens Gymnasium houses a large gym, a dance studio, and a swimming pool. In addition there are five tennis courts, three of which are lighted. The Physical Education Department makes the facilities available to students on a regular basis through rec nights and free swims. Intramural teams compete against each other in volleyball, softball, table tennis, tennis, and basketball—with an occasional challenge from a faculty team.

Publications

Queens College has three periodicals published by the students. The *Coronet*, the Queens College yearbook, is published annually and provides a pictorial and literary record of the year's events and activities. The *Queens Current*, the student newspaper on campus, is published regularly to keep the college informed of campus events and news, and to serve as a forum for an exchange of ideas among students, faculty, and administrators. The *Signet*, the college literary magazine, is published once a year, and illustrates the creative writing and visual artistry talents of the Queens community and the public.

Honoraries, Honors, and Awards

Several organizations have been established at Queens to recognize high achievement both in scholarship and in campus leadership.

Delta Omicron is an international music fraternity for women who attain high scholarship in music and possess the potential for superior musicianship.

Student Marshals serve as ushers in academic processions at official college events. Marshals are students who have achieved academic excellence; they are selected each year following Term I on the basis of class rank from a list of eligible degree candidates who are taking a full-time course load.

Orb and Sceptre is a senior organization which recognizes those students who have shown outstanding leadership, scholarship, and service to the college community.

The Zetetic Society is an organization composed of faculty and students. Its purpose is to recognize high scholastic attainment for seniors and juniors and to encourage independent research.

Sigma Upsilon is a fraternity for writers. Members are selected from the junior and senior classes; the basis of selection is literary ability and interest and active participation in writing.

Valkyrie is an organization of students from the sophomore class who are selected because of outstanding leadership, citizenship, and scholarship exhibited during the freshman year.

Who's Who Among Students in American Universities and Colleges recognizes note-worthy student leaders on campuses throughout the country and registers them in a national collegiate publication. The students are selected on the basis of scholarship, leadership, citizenship, cooperation in educational and extra-curricular activities, and the promise of future contributions to those areas.

In addition to membership in campus honoraries, there is a variety of honors and awards. Some of these are the following: the scholastic honors —the Dean's List and graduating with honors; creative writing awards; awards in a number of other academic areas; several athletic citations; recognition by each class of its outstanding member; and election to the May Court.

Since 1948 the New York Southern Society has granted to Queens College the privilege of bestowing two Algernon Sydney Sullivan Awards each year, one to an outstanding graduate and another honorary award to a person who has some association, official or otherwise, with the college.

The recipients of the award are elected by the faculty on the recommendation of the faculty committee on awards.

Mr. Sullivan, a distinguished lawyer and the first president of the Society, had such outstanding qualities of moral courage and personal inspiration that the Society created these awards to honor him and to commend others who might exemplify similar moral qualities.

The symbol of this award is an engraved copper plaque.

"This award is to be a continuing reminder that the noblest human qualities are those characteristics of heart, mind, and conduct which evidence a love for and helpfulness to other men and women. True nobility is found in those who move beyond the narrow circle of their self-interest and spend themselves in the interest of mankind."

Student Services

Housing

Queens views on-campus living as an integral part of the educational experience. Students who are candidates for an undergraduate degree will live in residence unless: (1) they are residing with their parents or guardian; (2) they are married; (3) they have been granted special permission for other residence by the Dean of Student Affairs.

There are four residence halls on campus, each with its own distinctive style. They range in size from housing 36 to 140 students and in type of accommodations from traditional double rooms to suites.

All freshmen are assigned to rooms and roommates by the Office of Student Affairs. Other students choose their rooms in an order determined by their non-refundable reservation fee and by lottery.

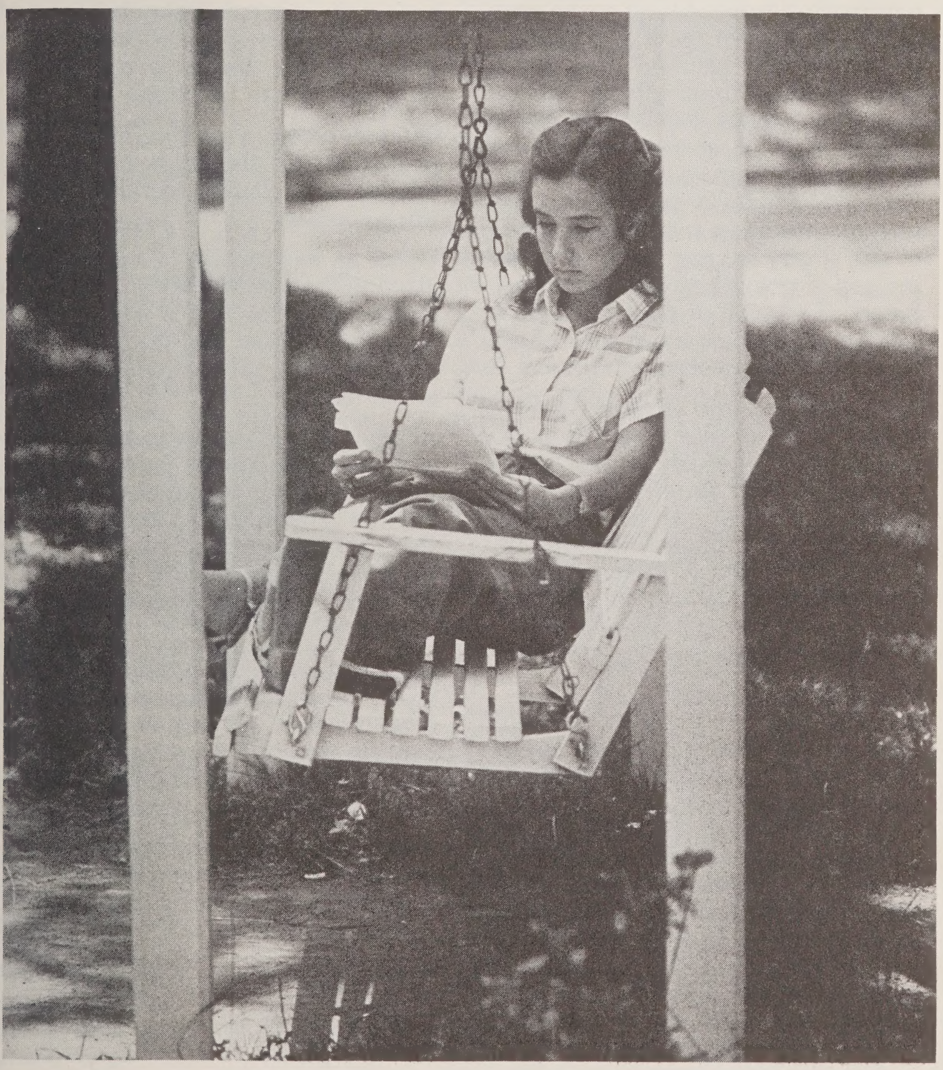
The college insurance program is designed to provide protection for college property and does not include the property of students or others. It is suggested that students and their parents should review their insurance to be sure that coverage is extended to include personal effects while at college.

Health Services

The Irwin-McKay Infirmary is equipped to provide outpatient and infirmary care. The 10-bed infirmary is staffed by nurses from 3:30 p.m. Sunday until 3:30 p.m. Friday, except during vacations, during the academic year. A nurse practitioner has office hours during the week.

All degree candidates enrolled in the college are entitled to health services during the terms in which they are enrolled. Students must complete and submit a medical history and physical examination form to the Dean of Student Affairs prior to entrance. This history initiates the student's medical file and facilitates preventive medicine and emergency care.

An optional health insurance plan is available through the college. Information regarding this plan is sent to each student.



Special Programs and Services

The Queens Career Center

The Queens Career Center offers career counseling services to Queens students and alumnae. Many women enter college unsure of their career talents and interests and of the availability of jobs in particular fields. Through individual and group counseling, occupational testing, and topical seminars, the Queens Career Center staff assists students in assessing their values, abilities, and interests. Students are encouraged to learn decision making skills and to set goals, helping them to move toward a rewarding and satisfying future. The staff is comprised of professional counselors with expertise in the counseling of women.

A vital part of the Queens Career Center is the Career Resource Center containing up-to-date career information, as well as information on graduate schools, pre-professional programs, and employment opportunities in business, government, and education. In addition, information is available on summer and part-time employment opportunities.

The Queens Career Center is particularly interested in helping seniors plan an effective job search and in identifying rewarding job opportunities. Each senior is encouraged to complete a permanent file containing a resume and letters of recommendation. Upon request, a copy of the file is sent to graduate schools and prospective employers. A staff member visits prospective employers for information on possible job openings and encourages representatives from schools and businesses to interview on campus. Throughout the academic year, seminars are held for seniors on resume preparation, interviewing, and planning the job search.

Students are encouraged to take advantage of the services of the Queens Career Center from the freshman year through the senior year.

New Dimensions Program

Generated out of a desire to serve better the adult learner, the New Dimensions Program is designed especially for the student who is 23 years of age or older.

Queens offers a personalized approach to aid the adult student with admissions, counseling, and career/life planning.

Upon an expression of interest in attending Queens College, an admissions counselor meets with the prospective student and discusses the educational opportunities available at the college.

Academic counseling is available at Queens from faculty members who represent each department of the college. These faculty members help the New Dimensions student decide on a major and review, if necessary, transfer credits as evaluated by the Registrar.

Personal counseling in various forms is available for an enrolled adult student, as well as developmental testing for vocational interests, personality types, values, needs, and interpersonal orientation.

Individual counseling appointments are available, and seminars and workshops are geared to adult needs and issues.

A strong emphasis is placed on each adult's developmental assessment and career/life planning. Throughout an adult's stay at Queens, she is encouraged to assess herself, plan her future, and participate in experiential offerings such as internships and leadership opportunities.

Present New Dimensions students are degree candidates who are unique women, full of vitality and curiosity.

The coordinator of New Dimensions is located in the Career Center, on the second floor of the Jernigan Student Center, with office hours from 8:30 a.m. to 5 p.m. weekdays. The admissions counselor's office for New Dimensions students is located in Burwell Hall, with office hours from 8:30 a.m. to 5 p.m. weekdays.

Women's Leadership Program

The Women's Leadership Program is a series of leadership and management experiences for the Queens student, offered during the January Term. The program includes workshops, seminars, and experiences designed to develop leadership skills. The objective of the program is to develop Queens graduates who are motivated and confident.

Students are required to have two units of leadership credit in order to graduate from Queens College. These credits are normally taken during the January Term of the freshman and sophomore years.

Operation Enterprise

Operation Enterprise is an experience in the activities of leadership, professional management, and organizational dynamics. Through direct involvement with leading practitioners from diverse fields of management, Operation Enterprise students learn concepts, skills, and techniques applicable to management in such areas as government, labor, politics, and business enterprise. The course is created and staffed by the American Management Association and is specifically designed for women. Juniors and seniors are selected for participation in this program.

Internships

Queens College affirms its support of properly planned and supervised internships as useful and desirable educational experiences for its students. The college defines internships as out-of-class work experiences which use skills and theories learned in classroom settings.

Internships are of two types: exploratory internships and professional internships. The exploratory internship enables a student to gain knowledge in an area in which she may have an interest and to explore areas in which she may wish to develop a career. The student may earn a maximum of six hours' credit toward graduation requirements through exploratory internships. The professional internships are listed as catalog courses and encompass field placement courses, major internships, student teaching programs, and practica. These internships are an integral part of the academic program and are limited only by the requirements of a given major as described in the catalog.

To be eligible for internships students should have the academic preparation necessary as a basis for such experiences. Generally, internships are restricted to upperclassmen; however, freshmen and sophomores with unusual backgrounds or strong motivation for such work experiences are not excluded from participating in internships. The guidelines for internships, available in the office of the Dean of the College of Arts and Sciences, describe in detail both qualifications and procedures for these experiences. The student and her advisers are responsible for following these guidelines.

The student and faculty adviser plan an internship using as resources the Career Center and faculty internship advisers. The adviser reports a grade for the internship and serves as a contact person on-campus for the intern and the off-campus project supervisor.

On-Campus Summer Programs

Queens offers a summer program consisting of two three-week terms held during May and June. Students choose from a listing of catalog courses or may arrange independent studies or internships.

Charlotte-Area Educational Consortium

Queens participates in the Charlotte-Area Educational Consortium, which includes 11 public and private colleges and universities in and near Charlotte. Through the consortium the resources of all participating institutions are available to Queens students who, if qualified, may enroll at one of the other colleges in any course not offered at Queens and receive full credit toward the Queens degree without the payment of additional fees.

Exchange Program With Davidson College

Queens College participates in a cooperative program of junior year exchange with Davidson College. Students at either college may elect to take the junior year at the other upon the recommendation of the college in which the student is a degree candidate and the concurrence of the college at which the student plans to study during the junior year. Recommendations are based on the demonstrated academic ability of the applicant, the approval of the proposed course of study, and the availability of space in particular courses or departments.

Students participating in the exchange are considered degree candidates at the college of original enrollment and are expected to return to that campus at the conclusion of the year. While participating in the exchange, students enjoy all the privileges and assume all the responsibilities of regular students at the host institution.

Queens at Oxford Program

Queens College participates in a cooperative program of exchange with Warnborough House College, a private British college of higher education which is organized and administered by academics trained in the British educational system and located in Oxford, England.

Degree candidates at Queens College in good academic standing and with permission from both institutions may elect to study at Warnborough House College in any segment of the academic year up to a full academic year. First-term freshmen are not allowed to participate. Final-term seniors are not encouraged to participate. Likewise, Queens College is used by women students from Warnborough House College.

While participating in the exchange, students enjoy all the privileges and assume all the responsibilities of regular students at the host institution. Fees are payable to the host institution.

International Education

During the regular academic year, qualified students with at least a 2.000 average may study abroad under other selected programs. The Foreign Studies and International Student Adviser, in cooperation with the Dean of the College of Arts and Sciences and the major adviser, must give prior approval to each applicant and each program.

The one-term program of the Experiment in International Living permits a student to earn as many as nine credit hours in various European countries, India, or Ghana; or as many as 12 credit hours if an independent study project is completed.

Queens also participates in the Association of United Colleges for Foreign Exchange and Study which provides Junior Year Programs in Strasbourg, France; Heidelberg, Germany; Lancaster, England; and at the London School of Economics.

For further information, interested students should contact Dr. Marjorie T. Kirby, Foreign Studies and International Student Adviser, Queens College.

Government Internship Program

Queens College students may choose o participate in a government inernship program designed to provide an understanding of practical politics as well as an introduction to government employment. The Queens program is based upon cooperation with existing programs ponsored by or with local, state, or national government institutions. College personnel may also help the tudent to arrange, outside these programs, individual internships tailored to the special needs or interests of the student.

Some of the internship opportunities involve stipends which may be used to defray the costs of the internship to the student.

Students who wish to enroll in these internships should have a sound background in the social sciences as well as upperclass standing. Students who do not meet these qualifications are not prohibited from participating, but the type of internship for which they may qualify may be limited.

Washington Seminar, American University

Through a cooperative arrangement with the American University, two Queens students annually may spend one term in Washington, D.C., studying American national government. The study is carried out through a seminar of the student's own choosing, an individual research project, and regular courses at the American University. Applicants must have completed Political Science 201 and have a quality point average of 2.600 or above. Application should be made through the Department of Political Science.

Washington Internships

Queens students may apply for Washington internships through the Washington Center for Learning Alternatives. These internships give students opportunities to explore in the unique Washington environment and within the framework of liberal arts studies a variety of public-oriented careers and professions; they enable students to combine a work and learning experience for academic credit.

Participants intern in congressional offices and executive agencies and with organizations in many other areas, such as the environment, consumer affairs, journalism, communications, legal affairs, labor relations, health policy, the arts, education, science, public relations, urban affairs, and women's issues. They establish working relationships with professionals through involvement in functions of the sponsoring organizations or through individual research projects.

They also attend seminars taught by representatives of Washington's major governmental agencies, interest groups, and corporations.

These internships are open to qualified seniors and juniors and are available every fall, spring, and summer. Application deadlines are October 15 for the spring term, March 1 for the summer program, and April 15 for the fall term. Housing is available through the WCLA.

These internships must be approved by the student's adviser, the appropriate department head, and the Dean of the College of Arts and Sciences. For further information, contact the Political Science Department or the Office of Academic Affairs.

Cooperative Program With Presbyterian Hospital School of Nursing

The Presbyterian Hospital School of Nursing in Charlotte and Queens College have a cooperative arrangement under which the college provides basic academic instruction to students enrolled in the hospital's three-year Diploma Program for Nurses. Students in this program live at the hospital nursing school and take courses for academic credit at Queens during their first year. College credit hours earned at Queens in this program are transferable. Participants in this program are eligible to become registered nurses when they have been graduated from the Presbyterian Hospital School of Nursing and upon satisfactory completion of the state board examination. Interested applicants should write the Director, School of Nursing, Presbyterian Hospital School of Nursing, P.O. Box 10157, Charlotte, North Carolina 28237.

Triangle Universities Computer Center (TUCC)

As a member of the North Carolina Educational Computing Service, Queens provides its students and faculty with the computer resources of the Triangle Universities Computer Center by remote terminal.

Early Learning Center

The Early Learning Center, the laboratory kindergarten of the Education Department, provides experiences for a small group of children and opportunity for Queens students to observe and work with these children.

The Queens Conservatory

The Queens Conservatory, a division of the Queens College Music Department, provides study and performance opportunities in music fo members of the Charlotte community. The faculty of the Conservatory are either full-time Queens College instructors, members of the Charlotte Symphony Orchestra, or others employed for specific expertise in an area of music.

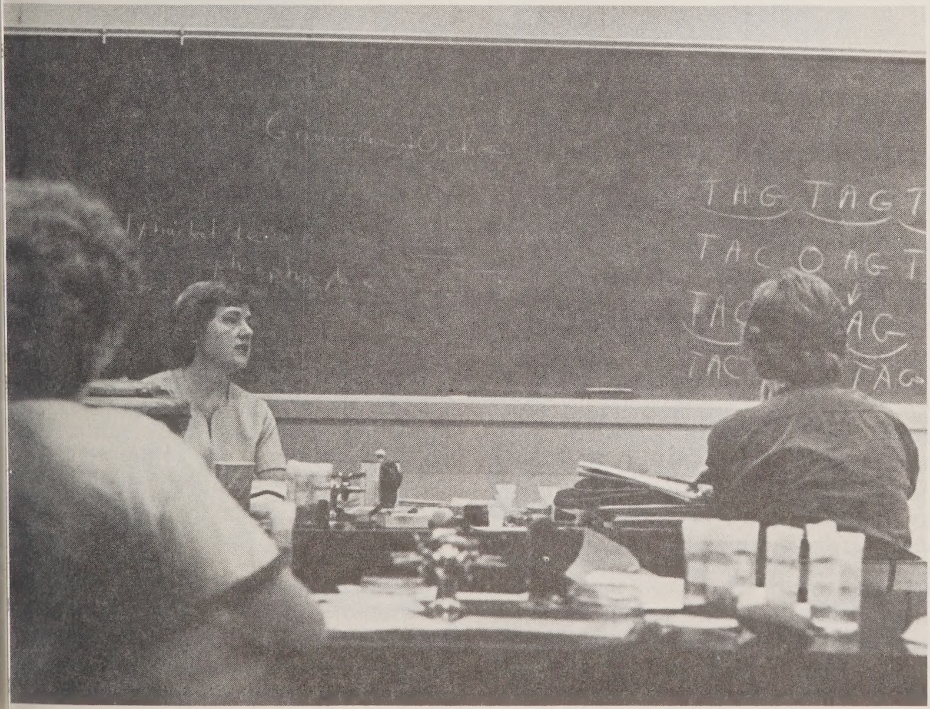
Queens Institute For Lifelong Learning

Queens College sponsors a variety of programs in non-credit continuing education, recognizing that educational opportunities should be available to members of the community who wish to continue study or to develop particular interests.

Many QUILL courses, conferences, and seminars are tailored for specialized groups in business, industry, and the professions, thus enabling members of these groups to continue their education either at the college or at their place of employment. Examples of curricula available to these groups are management, supervision, communications, professionalism, planning, and evaluation.

QUILL also offers career-oriented programs to serve the students beginning first careers or those changing careers. These are designed to enable students to make more comfortable transitions and include such curricula areas as time and stress management, career planning, resume writing, comprehensive clerical office training, and word processing.

The Queens Institute for Lifelong Learning also serves alumnae and Queens community with a varied curriculum in the liberal arts. Pre-college students are served with such courses as SAT Review, CLEP preparation courses, and writing workshops. Children aged 2 through 17 are involved in gymnastics, ballet, and art, and there are special swimming classes for infants and toddlers.



Admissions, Costs, and Financial Aid

Admissions

Queens College admits students regardless of race, color, national and ethnic origin, or handicap to all rights, privileges, programs, and activities generally accorded or made available to students at the college. It does not discriminate on the basis of race, color, national or ethnic origin, or handicap in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other college administered programs.

For Freshmen

Students applying to Queens should follow a college preparatory program in an accredited high school. Four years of English, two years of mathematics, two years of a foreign language, two years of social science, and one year of a laboratory science are recommended basic preparation.

In evaluating an application, the Office of Admissions considers the applicant's high school record, especially the quality and amount of college preparatory work; recommendations from the secondary school; College Entrance Examination Board test scores (SAT) or The American College Testing Program (ACT); and the student's own stated objectives. A personal visit to campus is the best way for a student to discover Queens. A campus interview is strongly recommended.

All applicants who have taken Spanish or French in secondary school and who wish to continue study in that particular language at Queens should take a language achievement test for purposes of placement. Students who do not take the CEEB language achievement tests may take a language placement test after enrollment at the college. SAT and achievement test applications and information about testing dates may be obtained from secondary school counselors or from CEEB, Box 592, Princeton, N.J. 08540. *Queens' CEEB code number is 5560.* ACT applications and information about testing dates may also be obtained from secondary school counselors or from ACT Records, P.O. Box 451, Iowa City, Iowa 52240. *Queens College's ACT code number is 3148.*

For Transfers

Queens welcomes transfer students from other accredited colleges and universities. They may apply for admission for Term I, Term II, and/or summer terms. Applicants must request their own transcripts from each institution attended to be forwarded to the Office of Admissions. For courses completed at other accredited institutions, credit usually will be transferred if the grade earned is C or better. Credits over 10 years old must be submitted for approval to the Student Qualifications Committee following the successful completion of six credit hours at Queens. Courses transferred from two-year institutions are classified as either 100- or 200-level courses.

For Readmission

A degree candidate who has withdrawn in good standing, and who wishes to return to Queens may apply for readmission by submitting an application to the Office of Admissions. Transcripts of all work attempted at other institutions must be sent to the Office of Admissions.

For Special Students

Students who are not candidates for a degree but who wish to enroll for credit may apply as special students.

Generally, special students who do not hold a bachelor's degree are limited to a cumulative total of 15 credit hours; anyone holding a bachelor's degree is allowed the privilege of unlimited credit hours. The availability of space may limit enrollment in come courses. Special students must maintain at least a C average to continue their enrollment.

Persons interested in teacher certification who have already earned a bachelor's degree are admitted as special students. They should consult with the Director of Admissions regarding admission and are expected to complete twelve credits successfully at Queens before undertaking student teaching.

For Secretarial Certificate Program

Students may be admitted to the one-year (9-month) secretarial certificate program in one of two ways.

Students having satisfactorily completed college preparatory work in high school may be admitted to the College of Arts and Sciences as traditional freshmen. That means that on successful completion of the secretarial certificate program the student may elect to continue her education at Queens College and work toward a bachelor's degree without having to reapply.

Students following a business/vocational path in high school may be admitted to the secretarial certificate program as special freshmen. In evaluating an application, the Office of Admissions considers the applicant's high school record, especially the quality and amount of business classes; recommendations from the secondary school and employers; and the student's own stated objectives. At a later time, should the student wish to build on her one-year secretarial program and work toward a bachelor's degree, it would be necessary for her to reapply to the college as a degree candidate.

For Summer School

Students interested in attending summer school at Queens should contact the Office of Admissions for further information.

For Advanced Placement

Students who have completed college level work in their secondary schools should take the appropriate Advanced Placement (AP) test administered by the CEEB. Queens grants advanced placement and course credit automatically if the student scores either four or five on such tests. Advanced placement is also granted for a score of three, but decisions on the amount of credit to be awarded are made by the Dean of the College of Arts and Sciences in consultation with the department in which credit is granted. Advanced placement in English is given for literature courses only.

Advanced placement in biology, chemistry, foreign language, and music is determined also by acceptable achievement on examinations taken at Queens at the beginning of the fall term.

Queens also awards credit and advanced placement to students who score satisfactorily on approved subject level tests of the College Level Examination Program (CLEP). Credit will not be granted if it duplicates credit already earned. Neither grades nor quality points will be awarded, nor may CLEP credits satisfy the final 30 hours required for graduation from Queens. A recording fee of $20 for each course will be charged. Students who wish further information about CLEP should write to the Dean of the College of Arts and Sciences.

For Accelerated Admissions

Students with superior records are encouraged to apply for admission during their junior year in high school. They must submit transcripts, recommendations, and SAT scores or ACT scores and should schedule a conference with an admissions counselor. In some states local school authorities will grant a high school diploma after a year of college work; any such agreement is the responsibility of the student and the local authorities. A student may also obtain a high school equivalency certificate by examination.

For the student who has made plans for graduate school or professional study, accelerated admissions is one way of shortening the time before she can begin her career.

For International Students

Queens College welcomes international students. Candidates must provide the Office of Admissions with a completed college application for admission accompanied by the payment of a $15 filing fee. Applicants must ask each institution that they attended to forward their transcripts to the Office of Admissions. Transcripts must be translated into English by an official at the high school or college issuing the transcript. It is recommended that international students take the Scholastic Aptitude Test (SAT). Any student for whom English is not the first language must satisfactorily complete the Test of English as a Foreign Language (TOEFL) and have the score sent to the Office of Admissions. International students must also submit a confidential certified financial statement indicating the amount of funds available for their education in the United States.

For High School Dual Enrollment

Any student who is a junior or senior in a Charlotte-Mecklenburg area secondary school may enroll for courses at Queens during any term when recommended by the secondary school. Credit earned under the dual enrollment program may be used at Queens or another institution as college credit when the student enrolls as a degree candidate.

For Campus Visits

Prospective students and their families are urged to visit Queens. They are welcome at any time but will find visits more interesting if scheduled when the college is in session. The Office of Admissions is open from 8:30 a.m. to 5 p.m. on weekdays throughout the year and until noon on Saturdays by appointment.

Each year a series of special overnight campus visitations is scheduled for prospective students. Interested students should write to the Office of Admissions for further details.

In Summary

While there are no deadlines for applications, prospective freshmen should apply for admission early in the senior year of high school. Application forms should be obtained from the Office of Admissions and should be returned with a nonrefundable $15 application fee. Special students submit a $5 nonrefundable application fee. The student should request that her transcripts and recommendations from the secondary school be sent to the Office of Admissions. Transfer students must request transcripts from each college attended.

The Office of Admissions will act on an application as soon as all information has been received. Accepted resident students are requested to mail a deposit of $150 to accept the Queens offer of admission within 30 days of notification. Commuting students are requested to mail a deposit of $50 within the same time period. The deposit is refundable until May 1.

Costs

While the Board of Trustees reserves the right to adjust the fee schedules at Queens at any time, the following basic fees have been established for 1982-83.

Comprehensive Fees

Resident Student Comprehensive Fee for 1982-83 .... $5,460

Includes tuition, infirmary, student activity fee and other services, and double room residence hall accommodations for regular full-time students registered for 12 or more credit hours each in Terms I and II, and for 3 hours (or a January Term unit) in January Term.

A student may have the option of a single room for an additional $250 per year, if rooms are available. Details of the single room policy are available in the Office of Student Affairs.

Commuting Student Comprehensive Fee for 1982-83 .... $4,200

Includes tuition, infirmary, student activity fee and other services for regular full-time commuting students registered for 12 or more hours in Terms I and II, and for 3 hours (or a January Term unit) in January Term.

Note: For information concerning the $650 Legislative Tuition Grant, North Carolina students should refer to North Carolina Programs under Financial Aid.

Meal Plans

Queens offers three meal plans for the convenience of its students. Resident students are required to take one of the meal plans offered. The costs of the meal plans are as follows:

	*Annual Rate**	*January Term*
Plan I (21 meals per week)	*$1,100*	*$145*
Plan II (15 meals per week)	*$1,060*	*$135*
Plan III (10 meals per week)	*$1,020*	*$125*

**Annual Rate includes Term I and II only.*

Meal plans II and III include any 15 or 10 of the 21 meals offered during the week. Each term, resident students will select the meal plan they prefer. The choice of meal plans may not be changed after registration for that term.

Students with special dietary needs should have a physician outline these needs in a letter to the Dean of Student Affairs so that the Food Service can prepare their meals accordingly.

Other Academic Fees

Reservation Fee

A reservation fee is required for new students upon acceptance of admission to the college, and for returning students on April 1. The reservation fee is $150 for resident students and is non-refundable after May 1 for Term I and January 1 for Term II. The reservation fee for non-resident students is $50 and is non-refundable within 30 days of registration for the applicable term.

Course Fees for Terms I and II

Art Supply Fees	$15-45
Student Teaching	$50
Physical Education (fees approximate)	
Golf	$ 20
Horseback Riding	$140

(All physical education fees are subject to change as activity costs change.)

Applied Music Course Fees for Term I, January Term, or Term II

*Full-Time and Part-Time College Students**

Weekly, half-hour private music lesson	$ 60
Additional weekly, half-hour private music lesson in the same or a different applied area	$ 45
Practice studio rental	$ 10
Instrument rental	$ 10
Organ practice	$ 20

*Part-time students will have the usual additional tuition charges added.

Non-Credit Students

Weekly, half-hour private music lesson	$140
Additional weekly, half-hour private music lesson in the same or a different applied area	$140
Practice studio rental	$ 25
Instrument rental	$ 25
Organ practice	$ 30

Fees for Attending One Term

Full-time students registering for only Term I or Term II are charged fees for that term only (50 percent of the annual fees).

January Term

January Term tuition for full-time degree candidates is included in the charges for Term I and/or Term II.

Part-time students must pay for January Term course work at the rate of $125 per academic credit hour or $375 per January Term unit.

Summer Term Fees

All part-time tuition and course fees apply to May and June Terms. Room cost is $125 per term, for double accommodations. Board fees are announced prior to summer preregistration during Term II.

Part-Time Fees

Part-time students taking eleven or fewer credit hours pay tuition of $125 per credit hour.

Auditing Fee

The auditing fee is $75 per credit hour.

Special Fees

For certain services the college charges additional fees.

Non-refundable Application Fee for Degree Candidates	$ 15
Non-refundable Application Fee for Non-Degree Candidates	$ 5
Transcript Fee	$ 3
Parking Permit	$ 5
Identification Card Replacement	$ 3

Queens Conservatory Music Fees

A separate fee schedule for the conservatory applied music program may be obtained from the Music Department.

Other Expenses

Insurance

All full-time students are eligible for coverage under the Student Accident and Sickness Insurance Plan. Brochures outlining the coverage and costs are sent to all full-time students with the fall term billing.

Room Damage Deposits

New resident students are required to make a $50 Room Damage Deposit with payment of Term I comprehensive fees. This deposit will be refunded with interest, less the cost of any damages, after the student has concluded her residence at Queens College.

Miscellaneous Expenses

The cost of books and supplies varies with courses taken, but the average expense is approximately $200 per year. Non-college expenses such as travel, clothing, entertainment, and incidentals vary according to individual student needs. Students joining sororities will have additional costs for initiation, dues, and special assessments. Laundry is not included in the comprehensive fees. Coin-operated machines are available in each residence hall.

While the comprehensive fee provides for basic infirmary services, the student is responsible for paying any charges for special visits, consultations, special medicines, laboratory work, and hospitalization. When emergency room care or hospitalization is required, arrangements have been made to bill the charges for services to the college, which will, in turn, bill the student. Claims for insurance coverage should be filed directly with the insurance company by the student or parent.

Regulations Regarding Payment

Upon signing the application for admission, the parent or guardian, or the applicant if not a dependent, accepts as binding and contractual all fees and regulations set forth in the catalog.

1. Fifty percent of annual tuition, room and board fees is payable on

or before August 16, 1982 (less applicable deposits paid), and the remaining 50 percent is payable on or before January 14, 1983.

2. Credits for financial aid and/or the North Carolina Legislative Tuition Grants are divided equally between Terms I and II. Students who desire to apply their work study earnings to their accounts may make arrangements with the Business Office. Questions concerning financial aid should be directed to the Director of Financial Aid.

3. Scholarship awards may be applied against the April 1 reservafee ($150) only if total financial aid is equal to or greater than the total of room, board, and tuition.

4. A student is not permitted to attend classes until satisfactory arrangements have been made to meet all financial obligations.

5. Diplomas, certificates, and transcripts are granted only when the student's accounts have been paid in full.

Deferred Payments

Queens College offers a Deferred Payment Plan, whereby the payment due on August 16 may be made in four equal installments, payable on the 16th of August and the 1st of October, November, and December. The payment due on January 14 may be made in four equal installments payable on the 14th of January and the 1st of March, April, and May.

There is an additional charge of 1 percent per month for charges deferred under the Queens College Deferred Payment Plan. Students electing this form of payment will sign a Deferred Payment Form at registration.

Other Payment Plans

Queens College endorses the Richard C. Knight Company payment and/or loan plans whereby parents may select a payment plan or loan program which is administered directly by the Richard C. Knight Company.

Withdrawal for Illness

Students who withdraw from the college during the academic year as a result of illness will have tuition, room rent, meal charges, and special fees prorated as of the date of withdrawal, provided the physician recommends withdrawal in a letter to the Dean of the College of Arts and Sciences.

Withdrawal for Academic Ineligibility

A refund will be made in the case of a student determined to be academically ineligible to return by the Student Qualifications Committee of the college. Such decisions are made at the end of each term. Students who have made payments or who have a credit balance toward the next term and are declared academically ineligible to return that next term will receive a refund.

Withdrawal–Other Reasons

1. Students who withdraw from the college during the academic year on their own initiative will have tuition, room, and board prorated as of the date of withdrawal as follows:

	Term I	Term II
25% charged if withdrawing by	9/1/82	1/31/83
50% charged if withdrawing by	9/8/82	2/7/83
75% charged if withdrawing by	9/15/82	2/14/83

There will be no proration of tuition or fees in January Term or the summer terms after registration.

Special fees are not subject to proration.

Students who feel that individual circumstances warrant exception from the above-stated policy may appeal to the Financial Policies Committee, provided they make a written request to the Business Manager and Comptroller before the end of the term in which a proration is requested.

2. Students suspended by the college will be subject to tuition, room, and board proration according to the above table.

Withdrawal–Financial Aid Policy

If a student is eligible to receive a refund under the established Queens refund policy governing all students, and the student received assistance from a Title IV federal assistance program [Basic (Pell) Grant, National Direct Student Loan, Supplemental Grant or Guaranteed Loan], an amount of up to 100% of the refund shall be returned to the Title IV programs. That amount will be the same percentage of the refund as the amount of Title IV aid was to the total aid awarded to the student (less employment earnings). The following fraction will be used to determine the percentage to apply to the refund:

$$\frac{\text{Title IV Aid (minus College Work Study earnings)}}{\text{Total Aid Package (minus College Work Study earnings)}}$$

After the amount to be returned to Title IV programs has been established, Queens College will distribute this amount in the following order of priority:

1. Supplemental Educational Opportunity Grant
2. National Direct Student Loan
3. Pell (Basic Educational Opportunity) Grant
4. Guaranteed Student Loan
5. Other

The portion of the refund allocated to each program may not exceed the amount the student received from that program.

If a portion of the refund remains after the procedure outlined above, funds will be returned to other financial aid programs at the discretion of the Office of Financial Aid. Policy describing refund to non-federal programs can be obtained from the Office of Financial Aid upon request.

Withdrawal–Academic Regulations

For further information regarding the withdrawal procedure, see the section on "Withdrawal from the College" under Academic Regulations.

Financial Aid

Queens realizes that as a private institution which places the quality of the educational experience above other considerations, the cost of attending Queens becomes a matter of overriding importance for many families. Applicants should not hesitate to apply for financial assistance. Queens will attempt to meet the demonstrated financial need of applicants and welcomes the opportunity to work with students and their parents. Although most rewards are based on financial need, some aid is based on the academic and leadership abilities of applicants, whether or not they have demonstrated need.

In order to receive financial aid, students are expected to be enrolled for at least six credit hours per term.

Federal Programs

Pell (Basic Educational Opportunity) Grants are available to eligible undergraduate students on the basis of financial need. The amounts of these grants per academic year are still pending federal legislation. In 1981-82 they ranged from $200-$1,670 per academic year. A student may submit the Student Aid Report to the Office of Financial Aid at

Queens to determine the amount for which she is eligible. A signed copy of the 1981 income tax return of the family is required for documentation before the awarding of a Pell Grant.

Supplemental Educational Opportunity Grants (SEOG) are available on an annual basis to undergraduate students with financial need. These grants range from $200 to $2,000 and may be renewed from year to year. Grants in any one year may not exceed half of the student's total assistance program.

The College Work Study (CWS) program assists qualified students to meet educational expenses through employment on campus during the academic year at a specified hourly rate. Eligibility for this program depends upon financial need.

The National Direct Student Loan (NDSL) program permits students with established need to borrow as much as $3,000 during their freshman and sophomore years, and up to a total of $6,000 during their undergraduate programs. These loans bear a five percent annual interest rate during repayment. Repayment begins six months after the borrower ceases to be at least a half-time student and may extend over a period of 10 years. If the borrower enters certain public-service occupations, the loan may be canceled.

The Guaranteed Student Loan program permits students, upon recommendation of the college, to borrow from a bank or other financial institution — with a federal government guarantee of repayment — as much as $2,500 a year with a $12,500 maximum for dependent undergraduate students. Terms for the loans and applications may be obtained from participating banks or agencies in the state in which the student resides. The college will provide any interested student with the address to contact in her state. All students or dependent students' parents who have an adjusted gross income above $30,000 are required to demonstrate need in order to qualify.

PLUS Loan Program (Parent Loans for Undergraduate Students) allows parents to borrow up to $3,000 per dependent undergraduate child, not to exceed the cost of attendance minus any financial aid. The cumulative maximum is $15,000 per child. Interest will be determined by U.S. Treasury rate and repayment is required to begin 60 days after disbursement. Loans are administered through participating lenders in the state in which the student resides. Implementation of this program may vary from state to state, depending upon state law.

The amount of funds available to Queens students under SEOG, CWS, and NDSL programs is determined by allocations made to the college each year by the U.S. Department of Education. All federal programs are subject to revision of funding or regulation by congressional action. Students are encouraged to contact the Office of Financial Aid for the most up-to-date information on these programs.

North Carolina Programs

The State Contractual Scholarship Fund is provided to Queens College by an act of the North Carolina General Assembly. Scholarships are available to full-time undergraduate students who are legal residents of North Carolina. This fund assists qualified students who demonstrate need.

North Carolina Legislative Tuition Grants in the amount of $650 per academic year are available to North Carolina residents pursuing their first bachelor degree and enrolled for twelve credit hours per term.

The North Carolina Student Incentive Grant Program (NCSIG) provides grants up to $1,500 per academic year for eligible students who are North Carolina residents. Recipients must demonstrate substantial financial need. Need analysis information should be provided to College Foundation, Inc., of Raleigh, North Carolina, before March 31.

The North Carolina Insured Student Loan Program permits state residents enrolled at least half-time to borrow through the College Foundation, Inc., up to $2,500 for undergraduate and $5,000 for graduate study per academic year at nine percent annual interest. Loans are insured and under certain conditions the Office of Education pays the interest on these loans during the in-school and grace periods.

The James E. and Mary Z. Bryan Foundation Student Loan Plan permits North Carolinians enrolled in full-time undergraduate programs to borrow, through College Foundation, Inc., a maximum of $2,500 per school year with an aggregate of $12,500 at an interest rate of 9 percent. Application forms may be obtained from College Foundation, Inc.

College Programs

Departmental Scholarships are available to a limited number of freshmen and upperclassmen with outstanding achievements in specialized areas. These scholarships are currently available in the Departments of Biology, Chemistry, Music, and Art.

Presidential Scholarships are offered by Queens College to as many as 10 new students each year. These are full scholarships covering room and tuition at Queens. The Presidential Scholarships are based strictly on academic achievement; financial need is not a factor. Scholarships are renewable for three years based on academic performance.

Applicants usually rank in the top 10 percent of their high school class, have College Board SAT scores of 1250 or more, and may have demonstrated intellectual ability in the pursuit of some subject of interest. Consideration may also be given to involvement in church or school activities, leadership and influence with peers, and exceptional talent or interest in a particular field of activity.

Queens Scholar Awards are available annually to new students who have exhibited outstanding records in scholarship and leadership. The amounts of these awards vary and they are renewable for three years based on academic performance.

Carol G. Belk Scholarship Awards are available annually to outstanding new students. Recipients are chosen on the basis of their leadership records in school and community, academic ability, and potential for continuing leadership at Queens. The amounts of these awards may vary, but each is renewable for three years based on the student's academic performance.

Dana Scholarships are awarded annually to students in each of the sophomore, junior, and senior classes. The student must maintain outstanding records for scholarship and leadership. The scholars receive an honorarium and the financial needs of Dana Scholars are also met. Recipients are selected at the recommendation of faculty, by the Faculty Honors Committee.

Ministerial Tuition Remission

Tuition remission is available to any student who is the dependent or spouse of an active Presbyterian minister. Dependents of active ministers of the Presbyterian Church, U.S., Synods of North Carolina and the Southeast, will receive a 20 percent tuition remission. Dependents of active ministers in all other synods of the Presbyterian Church, U.S., will receive a 15 percent tuition remission.

To Apply

To apply for financial assistance students must have been admitted to Queens as degree candidates and must complete and submit two application forms:

(1) The Queens College Application for Financial Aid, to be submitted to the Director of Financial Aid, Queens College, Charlotte, North Carolina 28274.

(2) The Financial Aid Form (FAF), to be submitted to the College Scholarship Service, Box 2700, Princeton, New Jersey 08541. The student should list Queens College, Charlotte, North Carolina, CSS code #5560, as the institution to receive the report. (NCSIG applicants should also list N.C. Student Incentive Grant Programs, CSS code #0742.)

All forms are available from Queens' Office of Financial Aid.

The Financial Aid Form may also be obtained from high school guidance counselors.

Applications for financial aid should be submitted by entering students as early as possible during the senior year. Notification of action by the college will be sent after Queens receives an evaluation of the applicant's need from the College Scholarship Service.

Financial Aid Policies

Most financial aid programs are renewable throughout the undergraduate years if the recipient demonstrates satisfactory progress toward graduation, but renewal of aid is not automatic. The Student Qualifications Committee evaluates the progress of students at Queens and determines whether the student is maintaining satisfactory progress and is eligible to continue at Queens. If a student is dismissed from the college for academic reasons, she will, of course, forfeit her financial aid.

Since renewal of financial aid is not automatic, rising sophomores, juniors, and seniors must reapply to the Office of Financial Aid for assistance each year. The amount offered in grants, loans, and work study funds also may vary from year to year.

Financial aid recipients who withdraw during the school year and are due a refund under the established Queens refund policy, must return an appropriate portion of the refund according to the policy entitled "Withdrawal—Financial Aid Policy."

Students receiving aid under certain programs are expected to assume weekly work assignments at the college. Assignments are determined by the amount of aid received and the student's particular interests and skills. Renewal of students' work study assignments each year will be contingent upon financial circumstances as well as previous performance on the job.

Queens College reserves the right to review and modify an offer of financial aid should the recipient receive aid from other sources after the Queens program has been offered.

The Academic Program

Queens College offers programs leading to five bachelor degrees: the Bachelor of Arts, the Bachelor of Science, the Bachelor of Science in Nursing, the Bachelor of Music, and the Bachelor of General Studies.

Majors within the degree programs are listed below with the pages on which the specific requirements for the major are given.

Bachelor of Arts

American Studies	83
Art	52
Biochemistry	90
Biology	87
Business Administration	47
Business/Foreign Language	85
Computer Science	93
Early Childhood Education	102
Economics	49
English	64
European Studies	83
French	71
History	75
Latin-American Studies	85
Mathematics	95
Museums, Archives, and Historic Sites	77
Music	56
Political Science	108
Psychology	110
Sociology	112
Spanish	73

Bachelor of Science

Biochemistry	90
Biology	87
Mathematics	95
Medical Technology	97
Radiologic Technology	97

Bachelor of Science in Nursing. .99

Bachelor of Music

Applied Music (piano, voice, organ, strings, or other instruments)	56
Music Education	57
Music Therapy	57
Piano Pedagogy	57
Sacred Music	57

Bachelor of General Studies

The Bachelor of General Studies is a flexible degree program in which the student, in consultation with her adviser, selects an area of emphasis and a sequence of elective courses to fit her own particular needs and circumstances. The area of emphasis may or may not be one of the specific majors offered in the other degree programs. For further information, see "Bachelor of General Studies" under "Degree Programs" below.

Degree Requirements

For the Bachelor of Arts, Bachelor of Science, Bachelor of Science in Nursing, and Bachelor of Music degrees, the following are required:

(1) A minimum of 122 semester hours;

(2) A minimum number of semester hours in the major (that number being stipulated under each degree program and further stipulated under each major in the program);

(3) A minimum cumulative quality point average of 2.000 on all work completed at Queens and on all work in the major;

(4) Distributed Requirements in seven areas of concentration spread throughout the curriculum, these requirements amounting to 14 courses (including English 101 and 102 and two physical education courses);

(5) Two January Term units of credit;*

(6) At least 36 semester hours in courses at the 300 level or above;

(7) At least 60 of the 122 semester hours completed at Queens;**

(8) The last 30 of the 122 semester hours in residence at Queens or in a Queens approved program; and

(9) Demonstrated proficiency in basic mathematics.

*(Students who transfer in 60 or more hours from another institution need only one January Term unit.)

**(The 60-hour requirement may, pending the Registrar's evaluation, be waived for students who already hold a bachelor's degree from an accredited institution.)

A student must fulfill the degree requirements set forth in the *Bulletin* which is current when she enters Queens College.

A student must be in good standing with the Honor Code at the time hat a degree is awarded.

A student may pursue only one degree at a time.

Though the college makes every ffort to counsel the student in plan-ing a program and selecting courses f study, the student is ultimately responsible for fulfilling all requirements for a degree.

Educational Program

he educational program leading to bachelor's degree is composed of four inter-related parts: a major program; a program of Distributed Requirements (which include physical ducation); a program of elective hours which may include the choice of one or two minor programs; and a January Term program.

Major Program

The purpose of a major is twofold: to give the student the opportunity to go far enough into a field to achieve some mastery of it; and to enable her to acquire knowledge, skills, and perspectives which may help to make her effective in her vocation. Working with her adviser, the student will plan her major in one of two categories: departmental or interdepartmental. The requirements for each major are described in detail under each discipline in the succeeding section, "Courses of Instruction." The student may, of course, elect to pursue two majors.

Distributed Requirements

The Distributed Requirements, totaling at least 38 hours, assist the student in developing a program of study which will be widely representative of liberal arts studies. With one exception (Area I) these courses may be taken at anytime during the student's years of attendance. However, since the courses which satisfy the Distributed Requirements are generally introductory to the disciplines prescribed, and since it should be advantageous for the student to explore a variety of disciplines as early as possible, it is usually desirable for the student to satisfy most of the Distributed Require-

Distributed Requirements

Area		*Number of Courses (3 credit hours or more)***
I.	Communication Skills I and II *(taken in freshman year)*	2
II.	French, Spanish, Mathematics	2
*III.	History, Philosophy, Religion	2
IV.	Biology, Chemistry, Physics, Environmental Science	2
*V.	Economics, Political Science, Psychology, Sociology	2
*VI.	Art, Literature, Music	2
VII.	Physical Education	2

Courses to be chosen from two disciplines within the area

Except Physical Education (Area VII) which offers 1 credit hour per course ments by the end of the sophomore year.

Courses which meet Distributed Requirements in Areas II-VII are designated under each department heading in the course descriptions. Please refer to those sections for more detailed information. Students are advised to investigate as many disciplines as possible within the framework of the Distributed Requirements and through elective courses.

Elective Courses

In consultation with her faculty adviser, the student chooses elective courses (in addition to those which meet distributed and major area requirements) to complete the hours required for graduation. Electives afford an opportunity to develop one or two minor programs, to study in fields which directly support the major program, and to gain knowledge in additional areas.

Minor Program

If a student chooses, she may include in her undergraduate program one or two minors in a department, or departments, other than her major. The minor consists of a minimum number of hours and a prescribed program of courses described in detail under each discipline offering a minor. Minor programs must be approved by the faculty adviser and the department concerned.

January Term

The January Term at Queens College provides a period of study during which a student concentrates on one course or learning experience. This may consist of one of the special leadership courses, off-campus travel (frequently a study tour abroad), Outward Bound, Operation Enterprise, an internship, an independent study, a directed readings course, or a specially arranged inter-disciplinary symposium. The leadership courses are designed primarily for freshmen and sophomores and are a unique aspect of the total learning experience at Queens. Two January Term units are required for graduation.

Mathematics Proficiency

As part of the Queens concept, all students are expected to demonstrate proficiency in basic mathematics by passing a test to be administered by the Mathematics Department during the fall orientation period or during specified inte vals during the academic year. It is recommended that this be completed by the end of the sophomor year; in any case, it must be succe fully completed before graduation. Special non-credit mathematics laboratory sections are offered eac semester to help those not passing the test during the freshman orientation period.

Physical Education

One hour is given for each successful completion of a physical education course, and two physical educ tion courses must be taken, preferably by the end of the sophomore year, to satisfy Area VII of the Distributed Requirements. (No specifi course is required.)

No more than two hours of physic education may be used to satisfy t 122 semester hours required for th bachelor's degree, but the student may enroll in as many physical ed cation classes as she may work in her schedule.

Students requiring exemption from physical education activities for medical reasons must make such requests through the Dean of the College of Arts and Sciences with letter from their personal physicia or the college physician.

Chronic conditions which would warrant exemption are to be note on the student's medical examinati on the student's medical examination form.

Any student exempt from physical education for physical reasons must have 122 hours for graduation.

Degree Programs

Bachelor of Arts

A major for the Bachelor of Arts degree shall consist of no fewer than 0 credit hours. No more than 40 hours in the major department shall be required; a student may, however, at her own initiative take more than 0 hours in her major department. Specific requirements for each major are stated in the material on the departments in "Courses of Instruction."

Bachelor of Science

A major for the Bachelor of Science degree in the areas of biology or biochemistry shall consist of no fewer than 32 credit hours. Language proficiency at the intermediate level is also required. Specific requirements for each of the major programs are stated in the material on the departments in "Courses of Instruction." Credits earned at non-academic institutions may be used toward B.S. degrees with majors in allied health areas, medical technology and radiologic technology, only.

Bachelor of Science in Nursing

The major for the Bachelor of Science in Nursing degree is a newly instituted program at Queens College. The Nursing major is composed of approximately one-half nursing courses and one-half liberal arts courses, including the Queens College Distributed Requirements and liberal arts electives. Applicants who have been accepted by Queens College must also apply to the Nursing Division for acceptance into the nursing major. Students are encouraged to declare their interest in nursing by the end of the first year. Provisions are also made for the acceptance of persons who may wish to transfer into the program or apply for advanced standing (registered nurses, persons seeking a second degree, or individuals wishing to transfer from another institution). Information concerning the program is available from the Division of Nursing.

Bachelor of Music

There are five major programs leading to the degree of Bachelor of Music: applied music, piano pedagogy, music education, music therapy, and sacred music. The minimum requirements in each are as follows: in applied music, no fewer than 73 hours in music; in piano pedagogy, no fewer than 70 hours in music; in music education, at least 50 hours in music, 14 hours in an applied major performance area, and 4 hours in an applied minor performance area; in music therapy, no fewer than 60 hours in music and 12 hours in music therapy courses; in sacred music, from 68 to 78 hours in music courses.

Bachelor of General Studies

The Bachelor of General Studies is a degree for the adult student, age 23 and older. It is a flexible program, designed to allow a student to structure a course of study to fit her own particular needs and circumstances. For the Bachelor of General Studies degree, the following are required:

(1) A minimum of 122 semester hours;

(2) A minimum of 30 semester hours in either a major or an area of emphasis;

(3) A minimum cumulative quality point average of 2.000 on all work completed at Queens and on all

work in the major or area of emphasis;

(4) At least 36 semester hours in courses at the 300 level or above;

(5) At least 60 of the 122 semester hours completed at Queens;

(6) The last 30 of the 122 semester hours in residence at Queens or in a Queens approved program; and

(7) Two semester hours in physical education courses.

The B.G.S. degree does not require the January Term units of credit or (except for two hours of physical education) the Distributed Requirements obligatory for the other bachelor's degrees.

The individual emphasis is designed to meet the student's personal educational objectives. Upon entering the program, the student will, with her adviser's guidance, plan the appropriate course of study, subject to the final approval of the adviser's department and division chairman.

The area of emphasis may or may not be one of the specific majors offered in other degree programs. The elective hours chosen in consultation with the student's adviser will be determined by the individual emphasis.

A central feature of the Bachelor of General Studies program is the close interaction of the student with an adviser who helps her plan a program of study as well as evaluates her progress from time to time.

The Bachelor of General Studies is a degree program which offers excellent career preparation and options for the older adult wishing to obtain a college degree. Additional information on this degree is available from the Office of Admissions.

Music Therapy

Under the Bachelor of Music degree, the Music Department has devised a 4½-year major in the field of musi therapy. The Queens program is accredited by the National Associatio for Music Therapy, Inc.

The music therapy major prepares a student for work with children an adults who require special therapy because of behavioral, learning, or physical disorders. A special bulleti containing all pertinent informatio about this program is available fro the Chairman of the Division of Fi Arts, Queens College.

Teacher Education

A teaching certificate, either at the early childhood, intermediate, or secondary level, may be secured with the Bachelor of Arts degree. Teaching certification is also possible under the Bachelor of Music program. The Bachelor of Music degree in music education is described on page 57. Details on the major in early childhood education and on teacher certification progran at the intermediate and secondary levels are given on page 103 and in departmental bulletins about teach education. These bulletins are available in the offices of the Registrar and of the Education Department.

Planning for certification as early the beginning of the freshman yea is advisable in some programs. St dents must apply for admission to the Teacher Certification Program by the end of the sophomore year Applications for permission to do student teaching must be made b the end of the junior year. Both o these application forms may be ob tained from the Education Department.

Persons interested in teacher cert fication who have already earned bachelor's degree are admitted as special students. They should consult with the Director of Admissi regarding admission and are expe d to complete twelve semester ours successfully at Queens before ndertaking student teaching.

or further information, students nay consult the Director of Teacher ducation Programs.

ote: Graduate students seeking eacher renewal credit or teacher ertification may also enroll in ourses at Queens. For details, in- erested students should contact he Office of Admissions.

ueens-PSCE ual Degree rogram

ueens College has an arrangement ith the Presbyterian School of hristian Education in Richmond, rginia, whereby a student can earn oth the Bachelor of Arts and Mas- r of Arts degrees by studying for ree years at Queens and for two ears at the PSCE — instead of the tal of six years normally needed earn both degrees. The student required to complete 92 credit ours at Queens and will receive e B.A. degree from Queens upon mpletion of the necessary 30 ad- ional hours in appropriate courses the PSCE. The student must, of urse, satisfy all other degree re- irements as well.

udents who pursue this program ay select any one of eleven majors: t (Art History), Biology (B.A.), glish, French, History, Mathe- atics, Music (B.A.), Political Sci- ce, Psychology, Sociology, or anish. In each case, there is a escribed curriculum and the stu- nt works closely with her adviser plan her course of study. Other jors may be considered if the stu- nt is able to work out a curriculum isfying all requirements within three-year period. For further ormation, contact the Office of missions, Queens College.

New College at Queens

Queens College provides for women and men of the community an undergraduate degree program of courses scheduled during the evening and weekend hours. The New College offers majors in business administration, English, computer science, and psychology.

Students in the College of Arts and Sciences may, with the permission of the Dean of New College, enroll in New College classes.

For further information on the New College, see its *Bulletin* or contact the Office of Admissions.

The Graduate School at Queens

The Graduate School offers a Master of Business Administration degree program.

For information on the Graduate School, see its *Bulletin* or contact the Office of Admissions.

Pre-Professional Programs

In combination with individual major programs available at Queens, students may elect to structure a program of study which leads to pre-professional preparation in various fields. For instance, courses of study are available to students wishing to pursue professions in such areas as law, medicine, dentistry, nursing, physical therapy, social work, and teaching.

Medicine, Dentistry, and Physical Therapy

Leading medical educators recognize that a genuine liberal arts curriculum provides the most suitable undergraduate pre-medical, pre-dental, pre-physical therapy, and pre-veterinary medicine background. Completion of the courses required of all students at Queens College provides desired breadth of training and intellectual skills.

Juniors and seniors may be recognized as pre-medical students upon recommendations of their advisers. A Pre-Medical Advisory Committee composed of medical doctors assists students seeking entrance to medical school. It may be helpful for these students to acquaint themselves with the specific requirements of the schools to which they expect to apply for admission.

Full information concerning any aspect of these programs may be obtained from the Queens Career Center.

Law

Law schools generally acknowledge that the best undergraduate preparation for the study of law is a broad-based and rigorous liberal arts education which develops acute reasoning and effective communications skills, introduces the student to a variety of subjects and ideas, and encourages the development of a historical perspective with an understanding of the political, social, economic, and cultural forces which shape our body of laws and the society it orders.

Law schools do not require specific undergraduate majors, but they do highly recommend that prospective students develop their skills of analysis and communication, and it is desirable that students be familiar with certain law-related subject areas. Through its Pre-Law Program, Queens offers interested students the opportunity, with the guidance of the Pre-Law Adviser, to fashion a course of study which will suit the individual student's needs in preparation for the successful study of law at the graduate level.

The Pre-Law Advisory Council, which is composed of area attorneys, provides an important link between the Pre-Law Program and the Charlotte legal community. The council aids in planning pre-law curricula and in arranging law-related activities on the campus, helps identify internships in government offices and law firms, and assists students in selecting and applying to law schools.

The Queens Career Center houses law school bulletins and provides information regarding the Law School Admissions Tests, which interested students should plan to take early in their senior year.

Academic Regulations

Graduation Requirements

To graduate from Queens College, a student must fulfill the degree requirements set forth in the *Bulletin* which is current when she enters the college and must be in good standing with the Honor Code. Although the college makes every effort to counsel the student in planning a program of study, it is the student who is ultimately responsible for fulfilling all requirements for a degree. Students should consult the *Bulletin* for degree requirements of specific majors. All academic plans are subject to approval by the student's adviser.

Students Entering Prior to Fall 1979

Requirements for graduation include a minimum of 120 semester hours of academic credit and two physica education units and one January Term unit for each sixty academic credit hours earned at Queens.

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tudents entering Queens as fresh-
nen from the 1979 Fall Term on are
equired to have a minimum of 122
emester hours of academic credit,
ncluding two, but no more than
wo, physical education courses.
wo January Term units are also
equired.

ransfer Students

ransfer students must meet all de-
ree requirements, including, of
ourse, the stipulation that at least
) of the 122 semester hours must
e completed at Queens (unless the
udent already holds a bachelor's
egree from an accredited institu-
on). Pending the Registrar's evalu-
ion (in consultation with the ap-
ropriate departments and the Stu-
ent Qualifications Committee) a
ansfer student may be able to use
ansferred credits to satisfy some
ajor requirements, Distributed Re-
uirements, and the 36 semester
ours required in courses at the 300
vel or above — provided, in the
st case, that the courses at the
0 level or above were completed
another four-year institution.
ourses transferred from two-year
stitutions are classified at the 100
reshman) or 200 (sophomore) level.
transfer student who completes
ly 60 semester hours at Queens
required to have one January
rm unit for graduation; a transfer
ident who completes more than
semester hours at Queens is re-
ired to have two January Term
its for graduation.

erm Load

e academic year consists of
rm I, January Term, and Term II.
e normal load for all students is
m 12 to 16 credit hours per term
and II) and one inter-term course
January. Any full-time student
shing to take more than 16 hours
Term I or II must obtain permission from the Dean of the College of Arts and Sciences.

Grading

Queens College uses the following system of grades and quality-point values per credit hour:

Grade	*Interpretation*	*Quality-Point Value*
A	Superior	4.0
B+	Very Good	3.5
B	Good	3.0
C+	Very satisfactory	2.5
C	Satisfactory	2.0
D	Poor	1.0
F	Failing	0
P	Pass	(0)
N/R	No Record	(0)
W	Withdrew	No effect on quality points
I	Incomplete	May become any other letter grade, except W, upon completion.

Grade reports are sent at the end of each term. Mid-term reports are issued in Terms I and II to indicate special difficulties in course work in progress. Only final term grades are permanently recorded.

A student who has received an F for a course may repeat that course; the F will remain on the student's record in that case, but only the second grade for the course will be figured into the student's cumulative quality-point average. This is the *only* case in which a student may register to enroll in the same course twice unless the course is listed "may be repeated for credit."

Pass/No Record

Pass/No Record (P/NR) is a grading system designed to encourage students to explore new areas. Students may elect to take up to two courses a year on a P/NR basis, but may take no more than one course on a P/NR basis in any one term.

Some courses, such as Typing (Secretarial Practice 101, 102), are designated as P/NR for all students.

Some specifically designated courses (for example, applied music) may not be taken P/NR. Courses selected by the student to fulfill the Distributed Requirements may be taken P/NR.

The student indicates at registration her intention to take a course P/NR. Up to one week after the midpoint of the semester, however, she may, in consultation with the Registrar, change the P/NR basis to an A/B/C/D/F basis.

P equals a grade of C or better; NR equals a grade of D or F. Courses taken P/NR are not counted in the calculation of the student's quality-point average. Unless a student obtains permission from the Dean of the College of Arts and Sciences and the department chairman, she may not take a course in the department of her major or in her minor program on a P/NR basis. Students planning advanced academic work should be aware that the Pass grade may be interpreted as C by graduate institutions, and an inordinate number of such grades may be looked upon with disfavor by graduate admissions committees.

Incompletes

The grade of Incomplete (I) is given only at the discretion of the instructor and only when unusual circumstances make it impossible for the student to complete the course work by the end of the term.

A student who has received the grade of Incomplete (I) has a specific time period within which to complete the course work. A grade of I received during Term I or January Term must be changed to another letter grade by the end of the second full week of regular classes of Term II. Term II and Summer Term incompletes must be changed to another letter grade no later than two weeks into Term I of the following academic year. A grade of I automatically becomes F if the student fails to make up incomplete work satisfactorily. It is the student's responsibility to contact the professor and make arrangements for the work to be completed.

Examinations

Although professors evaluate student work periodically, final examinations, generally in the form of written examinations, are given in all courses at the end of each term. Final written examinations are generally between two and three hours long. In 300- and 400-level courses the professor may give the examination during the scheduled examination time or give a take-out examination.

The office of the Registrar publishes a schedule for final examinations. The first day of the examination period is designated Reading Day, on which no classes may be held and no examinations may be given, providing students an opportunity to prepare for examinations. Permission to change an examination schedule or to make up an examination must be granted by the Dean of the College of Arts and Sciences.

Student Class Status

Students pursuing a degree program and carrying the normal term load (12 to 16 hours) are assigned class status according to the number of credit hours earned.

Class Status	*Credit Hours*
Freshman	0 - 29
Sophomore	30 - 59
Junior	60 - 89
Senior	90 or more

Student Classifications

Regular Student classification is for all degree candidates.

A *Special Student* is one who is admitted with non-degree status and who may enroll for a cumulative total of 15 credit hours. After completing 15 credit hours, a special student must apply for regular admission or receive special permission to continue; however, a special student with a bachelor's degree may take unlimited credits as a special student. Special students must comply with all college regulations.

A *Transient* or *Contract* student is one from another college who is taking courses at Queens, but who is a degree candidate at the other institution.

A *Continuing Education* student is one who is enrolled only in noncredit programs in the Queens Institute for Lifelong Learning.

A student who is enrolled as a full-time student at Queens College but who has been granted permission to take a course or courses at one of the other ten colleges in the Charlotte Area Educational Consortium is a *Consortium Student.* Queens students, if qualified, may enroll at one of the other colleges in any course not offered at Queens and receive full credit toward the Queens degree without the payment of additional fees. Arrangements must be made through the Registrar's office. Consortium arrangements do not apply to summer sessions.

Student Qualifications

The faculty of Queens College determines academic standards which are administered by its Student Qualifications Committee. This committee reviews each case of academic difficulty. A student is automatically on academic probation if her cumulative quality-point average is below the following levels for class standing:

Class Status	*Credit Hours*	*Term I Completed*	*Term II Completed*
Freshmen	0-29	1.500	1.800
Sophomores	30-59	1.800	1.900
Juniors	60-89	1.900	2.000
Seniors	90 or more	2.000	2.000

Second semester freshmen on academic probation must earn a term QPA of 1.800 in a minimum of 9 completed hours. Thereafter, a student on academic probation must earn a term QPA of 2.000 regardless of status.

When a student fails to make a quality-point average according to these guidelines, the Student Qualifications Committee imposes various stipulations to encourage the student to meet the minimum standards. These stipulations are sent in writing to the student and to parents or guardians. If the student does not meet the stipulations set, she will be subject to dismissal from the college.

A student on academic probation may petition the Student Qualifications Committee for exception from probation if she has achieved a QPA of 2.500 or better for the previous Term I or II.

The records of part-time students will be reviewed for probationary considerations after 9 semester hours of work have been completed at Queens College and thereafter according to the above policy.

The student who does not show improvement and fails to meet the college's scholastic standards may be asked to withdraw from the college. All decisions regarding dismissal may be appealed to the president of the college.

The readmission policy for a student who has been required to withdraw from Queens for academic failure is as follows: the student must undertake at least one semester's study (9 to 12 hours, taken concurrently) at another accredited institution and achieve a QPA of at least 2.000 on approved courses; only then will the college consider the student's application for readmission.

Eligibility to Represent the College

Students on academic, social, or disciplinary probation are not eligible to represent the college in off-campus extracurricular activities, to hold campus office, or to run for campus office.

Dean's List

Degree candidates who achieve a term average of 3.500 or better in at least 12 hours of graded work (not including a grade of P in the 12 hours) for the term are named to the Dean's List. Students with Incompletes in courses cannot be considered.

Registration

Registration is held at the beginning of each semester. At this time, students enroll for courses, have identification cards made, purchase meal tickets and parking stickers, and make financial arrangements with the Business Office. Students are not considered registered unless tuition and fees for the semester have been paid or arrangements for payment have been made.

Toward the end of each semester there is a pre-registration period during which a student, in consultation with her adviser, plans the schedule of courses she intends to take during the following semester.

Academic Advising

It is the student's responsibility to schedule advising appointments with her academic adviser as often as necessary in order to plan course schedules for each term and to discuss current academic problems. The adviser is to be used as a resource and a guide in planning and meeting all graduation requirements.

Drop/Add

Courses may not be added or dropped on Registration Day. The Drop/Add process takes place during the first calendar week of classes at the beginning of each semester. To drop or add a course, the student obtains a form in the Registrar's office and secures her adviser's signature to make the change(s). (Course instructors do not sign Drop/Add forms.) The form is then returned to the Registrar's office, not later than 5 p.m. on the last day of the first calendar week of classes. There is no charge for Drop/Add, and nothing will appear on permanent records if procedure is followed.

Withdrawal from a Course

Withdrawing from a course is a different process from that of dropping a course (described above). Once the Drop/Add period has passed, withdrawal with the grade of W is possible until the end of one calendar week after the designated mid-term point in each semester. The withdrawal form, which is obtained in the Registrar's office, must be signed by the adviser, the professor, the Dean of the College of Arts and Sciences, and the student, and returned to the Dean's office. All withdrawals will appear on the transcript.

A student who wishes to withdraw from a course may not simply stop attending the class. If she does not follow the procedures for withdrawal, she will receive an F in the course.

Auditing Courses

A regular student carrying a load of 12 to 16 credit hours and maintaining a B average may, with the consent of the Dean of the College of Arts and Sciences and the course instructor, audit a course. Audited courses receive no credit but do appear on college transcripts. Students must designate audited courses at registration. Drop/Add and Withdrawal procedures apply to audited courses. Auditors are expected to attend classes regularly. With permission from the Dean of the College of Arts and Sciences, special students may audit a course. Special students must pay an auditing fee of $75.00 per credit hour.

Summer School

Queens College offers a summer program consisting of two three-week terms held during May and June. Students may choose from a listing of catalog courses or may arrange independent studies or internships. Information on summer sessions at Queens is available to Queens students during Term II in the office of the Dean of the College of Arts and Sciences and the office of the Registrar. Students at other institutions should contact the Office of Admissions.

Queens students who wish to attend summer school at other institutions must obtain from the Registrar's office a Summer School Permission Form, to be signed by the student's academic adviser and the head of the department under which the courses to be taken elsewhere fall. Approved summer courses taken at other accredited colleges and universities with the grade of C or higher may be counted toward the 122 credit hours required for graduation, provided these courses are comparable or supplemental to those offered at Queens. To receive credit, the student must request that her summer school transcript be sent to the Queens College Registrar. Only the credit hours and quality points earned at Queens are counted in calculating a student's quality point average for graduation.

Attendance Policies

As a general policy, the college expects students to attend all class sessions. Specific attendance policies are set for each course by the individual faculty member and announced at the beginning of each semester. If the policy is not announced at the beginning of the semester, the student should make a point of asking about the policy at that time. Instructors may penalize students for not attending class. The Infirmary, Dean's office, or other offices in the college do not excuse absences; they merely notify instructors of reasons for absences.

Internships

Queens College provides internships as useful and desirable educational experiences for its students. Internships are planned and supervised out-of-class work experiences which use skills and theories learned in classroom settings.

To be eligible for internships, students should have the academic preparation necessary as a basis for such experience. Generally, internships are restricted to upperclassmen; however, freshmen and sophomores with unusual backgrounds or strong motivation for such work experiences are not excluded from participation.

Guidelines for internships, available in the office of the Dean of the College of Arts and Sciences, describe qualifications and procedures for registering. The student and her adviser are responsible for following these guidelines.

The student and her adviser plan an internship using as resources the Career Center and faculty internship advisers. The adviser reports a grade for the internship and serves as a contact person on campus for the intern and the off-campus project supervisor. Unless otherwise designated, all internships are at the 200-level, and are graded on the Pass/No Record basis.

Exploratory Internships

The exploratory internship enables a student to gain knowledge in an area in which she may have an interest and to explore areas in which she may wish to develop a career. The student may earn a maximum of 6 hours' credit toward graduation requirements through exploratory internships. Summer job experience cannot be considered for credit.

Professional Internships

The professional internships are listed as catalog courses and encompass field placement courses, practica, internships within requirements of a major, and student teaching programs. Professional internships are restricted to upperclassmen, although exceptions may be made under unusual conditions. These internships are an integral part of the academic program and are limited only by the requirements of a given major as described in the catalog. To register for a professional internship, the student must make specific arrangements with the faculty adviser, the appropriate professor, and the division chairman.

Independent Studies/ Directed Readings

A mature, academically sound student may, under the direction of a professor and with the approval of her adviser, undertake directed readings or an independent study of a topic of interest to her. This study may take one of several forms, such as a project, individual research, or directed readings. Students who wish to pursue these options should consult the *Bulletin* for catalog listings of independent studies and directed readings in the subject area. After obtaining approval from the appropriate professor or department and her faculty adviser, a student may register for a catalog-listed independent study or directed readings course just as for any other course. Independent studies and directed readings courses which are not listed in the *Bulletin* require special forms which are available in the office of the Dean of the College of Arts and Sciences.

Withdrawal from the College

Any student who plans to withdraw from the college before the end of the term must notify the Dean of the College of Arts and Sciences in order to remain in good standing and have grades recorded as W. If the student withdraws before the end of the term without giving notification to the Dean, all grades are recorded as F's.

The student who wishes to withdraw must first visit the office of the Dean of the College of Arts and Sciences to set up an appointment for an exit interview. This interview may be with the Dean of Student Affairs, the Dean of the College of Arts and Sciences, or a person designated by either dean. Once the student has had her exit interview, she signs the Withdrawal from the College form. The student then visits the Business Office, Financial Aid Office, and Students Affairs Office for clearance and signatures regarding financial matters. The official date of withdrawal is that by which all required signatures are obtained.

If a student simply stops attending all classes and does not notify the Dean of intention to withdraw, the college does not regard the student as having officially withdrawn.

In the event that the student has been absent for reasons of illness and, therefore, is considered unable to complete the process at the actual time of withdrawal, a date of signature is determined by the Dean of the College of Arts and Sciences, the student, and an appropriate representative of the Business Office.

The college reserves the right to require at any time the withdrawal of a student whose conduct or academic work is not considered satisfactory.

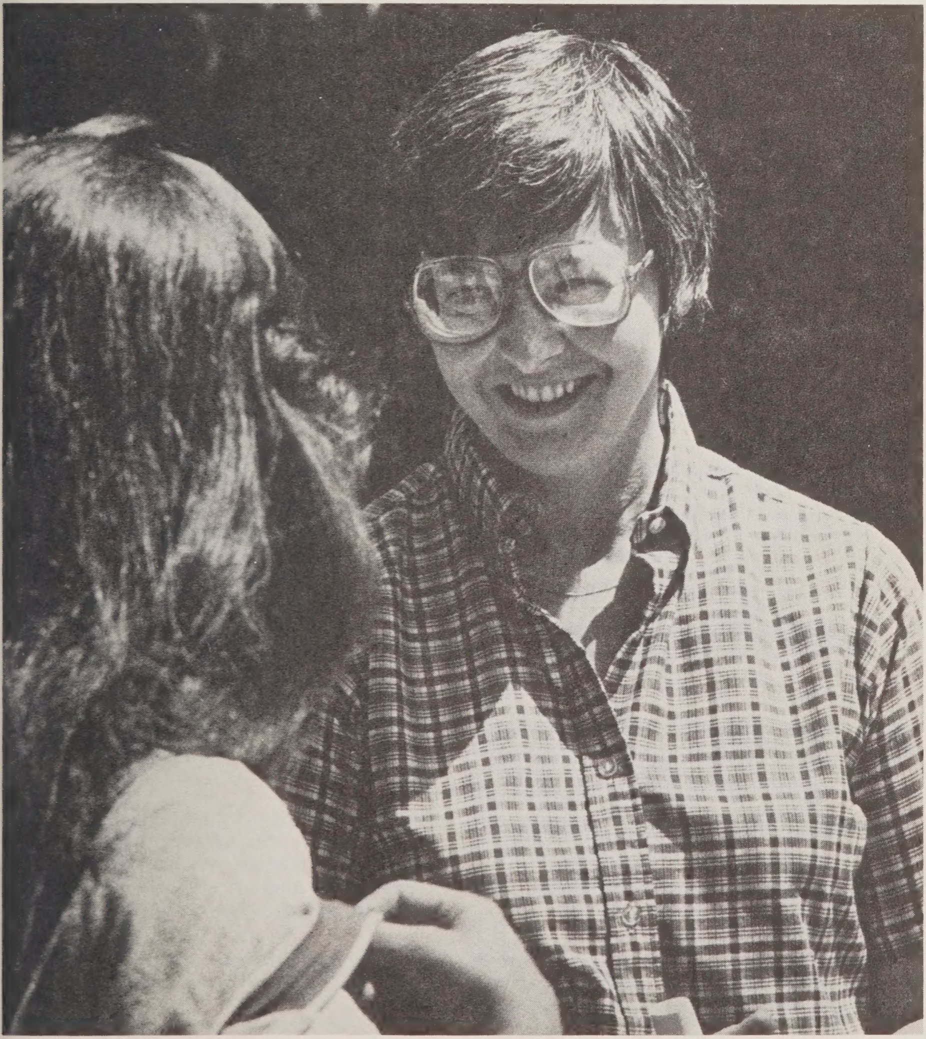
For information regarding the financial aspects of withdrawal from the college, please consult the section on Costs.

Undergraduate Program Tests

The college arranges for and requires all students academically classified as seniors to take the Undergraduate Program Tests.

Records of Progress

Records of progress are kept by this institution on veteran and non-veteran students. Progress records are furnished the students, veterans and non-veterans alike, at the end of each scheduled school term.



Courses of Instruction

Course Listings

Course listings give general information concerning each area of study and the requirements for major programs in each discipline. These requirements should be carefully noted by students when deciding on a major.

Many of the courses in the sections beginning on page 47 will be listed in the class schedule which is distributed prior to each term.

Course Numbers

In general, courses numbered 100-299 are primarily for freshmen and sophomores; those numbered 300-499 are primarily for juniors and seniors. In specific cases, however, the individual student's ability and background rather than her class standing will determine the appropriate level of work.

Double numbers separated by a comma (e.g. 300, 302) indicate that the completion of both courses forms a desirable unit. Occasionally the first course is a prerequisite to the second.

Course Changes

Queens College reserves the right to change the course offerings and instructors indicated in this catalog without prior notice to persons who may thereby be affected. Every effort is made to help a student affected by a course change by providing the opportunity for an independent study or some other suitable arrangement.

Division of Business and Economics

Micheal B. McCormick, *Chairman*
Associate Professor of Business

Ronald J. Basini
Assistant Professor of Business

Larry W. Carroll
Lecturer in Business

Robert L. Finley
Associate Professor of Finance and Economics

James W. Foster, Jr.
Assistant Professor of Business

Virginia R. Hatcher
Assistant Professor of Business

Randall R. Kincaid
Visiting Professor of Economics

Sharon G. Leblang
Lecturer in Business

Barbara E. Lee
Lecturer in Business

William N. Turpin
Professor of Economics

Sarah M. West
Assistant Professor of Business

Karen J. Zapata
Assistant Professor of Business

Business Administration

Courses offered in the Department of Business Administration provide for the study of the principles which govern business practices and procedures.

Careers

Completion of a major in business prepares the student for jobs in banking, commerce, industry, and similar areas and for graduate study in accounting, marketing, management, finance, or other fields of professional business administration.

Major

A major in business administration is offered by the department. It leads to a Bachelor of Arts degree in business administration. Some concentration in a specific area of business is possible through proper selection of advanced elective courses.

Requirements for the degree: Economics 201, 202; Business 207, 208, 310, 314, 322, 340, 352, 490, 499, and Mathematics 206. In addition, the student should consider taking at least two 300-level business electives. Other suggested courses include: Mathematics 113, 405, and 406; Computer Science 101, 102; Psychology 303, 311; Political Science 202, 324; Sociology 312, 325, and 340.

Minor

Minor in business: 18 credit hours of courses in business and economics of which 12 credit hours should be selected from the following courses: Economics 201, 202; Business 207, 208, 314, 340; and 6 credit hours selected from other courses at the 300 level or above.

Distributed Requirements

The requirement, Area V, may be met by Economics 202 or 202. Business majors may not use economics courses to fulfill Area V Distributed Requirements.

105 Introduction to Business

3 Hrs.

A brief introduction to each of the principal areas of the business curriculum: Management, Marketing, Finance, and Accounting, as well as to the role of business in American society and the nature of the private enterprise system.

207 Financial Accounting I

3 Hrs.

An introduction to accounting principles with emphasis on the recording and reporting of financial accounts and statements.

208 Financial Accounting II

3 Hrs.

An introduction to the theory, methods and uses of accounting information in solving business problems and the role of accounting standards in economic and corporate decisions and behavior.

Prerequisite: Business 207.

300 Current Topics or Specialized Areas in Business

3 Hrs.

Course designed to investigate and/or evaluate current topics or specialized areas of business. Course topic is to be announced the semester preceding the offering.

Prerequisite: To be designated for each specific course offered.

301 Research and Report Writing

3 Hrs.

Instruction and implementation of business research methods; report preparation and presentation; interpersonal, group, and mass communication, both written and oral.

307, 308 Intermediate Accounting

6 Hrs.

A two-semester study of accounting theory and concepts, including an analysis of the special problems of applying these concepts to financial accounting. The course begins with a brief overview of the entire accounting process, which allows the student a gradual transition from the introductory courses in accounting to a more rigorous professional level of analysis. Students are normally expected to take both halves of the course.

Prerequisites: Business 207 and 208

310 Business Law

3 Hrs.

Course intended to give the student some knowledge of the legal rights and duties of the businessman with regard to contracts, agency, sales, negotiable instruments, employee and employer relationship, transfer of real and personal property, and related items.

311 Cost Accounting

3 Hrs.

A study of cost accounting systems, including problems of cost determination. The course will emphasize the development of techniques for use in managerial decision-making such as standard costs and budgeting. Other topics include cost-benefit analysis, break-even analysis, responsibility accounting systems, and capital budgeting.

Prerequisites: Business 207 and 208.

312 Complex Organizations

3 Hrs.

Analysis of nature and types of complex organizations and their significance in modern life and societies.

NOTE: Students may elect this course as Sociology 312.

314 Principles of Management

3 Hrs.

Survey of the principles of management for leadership roles in business or public service careers; special attention will be given to personal leadership skills, to ethical considerations in business, and to research and current practice in basic management activities of planning, organizing, leading, and controlling.

316 Federal Taxation

3 Hrs.

A comprehensive study of the Federal tax structure and training in the application of tax principles to specific problems.

Prerequisites: Business 207 and 208.

320 Business Ethics

3 Hrs.

An analysis of the relationships which exist between government actions, business practices, and the social impact of these forces.

322 Quantitative Methods with Computer Applications

3 Hrs.

Mathematical techniques for practical usage — PERT, production scheduling, linear programming, regression analysis, quality control statistics, and other accounting information— with computer applications.

Prerequisites: Mathematics 206, Computer Science 101 or 320, or permission of the instructor.

NOTE: Students may take this course as Computer Science 322.

340 Marketing

3 Hrs.

The role of the marketing function in planning and implementing objectives of the firm. Consumer markets, industrial markets, channels of distribution, product and pricing policies, sales forecasting, promotion, and control.

350 Systems Analysis, Design, and Implementation

3 Hrs.

Developing systems to meet needs of an organization, training managers in design capabilities and limitations of information systems, beginning training for professional systems analysts, providing techniques for facilitating implementation process.

Prerequisites: Computer Science 101 or 320, or permission of the instructor.

NOTE: Students may take this course as Computer Science 350.

352 Corporate Finance

3 Hrs.

Nature of business finance and its relation to economics, accounting, and law: capital, capitalization, working capital; financial planning, initial financing, refinancing, and expansion; internal and external financial affairs of business firms.

Prerequisites: Economics 201; Business 207 and 208.

400 Marketing Management

3 Hrs.

Marketing concepts and practices are implenented in order to provide an operational ramework for decision analysis, strategy de-ign, and management control. Marketing ases will be used to simulate the decision naking process.

rerequisite: Business 340.

30 Financial Management

Hrs.

he study and application of financial tech-iques for both internal and external needs f the enterprise. Concentration will be on ie management of capital, its sources and ses within the firm.

rerequisite: Business 352.

40 Principles of Investments

Hrs.

echniques of security analysis and portfolio ieory, study of the capital assets pricing odel, and a survey of non-security invest-ents.

rerequisites: Business 352 and Mathematics 6.

9 Independent Research/Study

Hrs.

program of directed readings on research ojects. Approved by the supervising profes-r. Open to business major seniors or by rmission of instructor.

0 Business Professional Internship

to 9 Hrs.

signed to give the student experience in e business field.

erequisites: Upperclass standing, Eco-mics 201 and 202, Business 207, 208, 314,), and permission of the instructor.

49 Business Policy

Hrs.

signed to synthesize all facets of the busi-ss curriculum by studying business prob-ns through the use of case studies and in-pendent research and discussion of various ans of resolution and their viability in the siness world.

requisite: All other required business jor courses.

conomics

rses offered in the Department of Eco-nics provide for the study of the principles lerlying economic systems at the national and international levels, and governing the operations of market economies at the level of the household and the firm.

Careers

Economics majors find opportunities to apply their discipline in business, banking, and government, as well as to pursue graduate studies in the field.

Major

The department offers a major in economics, leading to a Bachelor of Arts degree in economics.

Requirements for the degree: Economics 201, 202; Mathematics 206; Computer Science 322; Economics 345, 350, 405; three elective courses in economics.

Minor

Requirements for a minor: 18 credit hours in economics, including Economics 201 and 202, 345 and 350, and six credit hours selected from other economics courses at the 300 level or above.

Distributed Requirements

The requirement, Area V, may be met by Economics 101, 201, or 202. The department suggests that students interested in taking an economics course to satisfy a Distributed Requirement should enroll in Economics 101. Economics majors may not use economics courses to fulfill Area V Distributed Requirements.

101 Introduction to Economics

3 Hrs.

An introduction to selected contemporary economic problems and the economist's techniques for coping with them.

201 Principles of Microeconomics

3 Hrs.

Survey of economic principles, dealing with specific components of the economy and their application to economic problems; basic demand and supply theory; the theory of production and income distribution; agriculture, government regulation, and labor organizations.

202 Principles of Macroeconomics

3 Hrs.

Introductory survey of aggregate economic principles; the scope and method of economics; business organizations; money and prices; national income theory; economic stabilization policies; and international trade.

Prerequisite: Economics 201, or permission of the instructor.

NOTE: Students taking any economics courses beyond 101 are normally expected to take both 201 and 202.

300 Current Topics or Specialized Areas in Economics

3 Hrs.

Courses designed to investigate and/or evaluate current topics or specialized areas of economics. Course topics are announced the term preceding the offering.

Prerequisite: To be designated for each specific course offered.

345 Intermediate Microeconomic Theory

3 Hrs.

The study of resource allocation in the determination of optimum output and pricing by a firm. Emphasis includes utility and production functions and the application of microeconomic theory given various market conditions.

Prerequisite: Economics 201.

350 Intermediate Macroeconomic Theory

3 Hrs.

The study of the measurement and composition of the Gross National Product, the factors determining its size and growth, and the policy measures by which Government can influence its size, composition, and development.

Prerequisite: Economics 345

351 Money and Credit

3 Hrs.

Study of the fundamental principles and practices of the money and credit systems of the United States: financial institutions; commercial banking; the Federal Reserve System; monetary theories and policy.

Prerequisites: Economics 202; Business 207 and 208.

360 Mathematical Economics

3 Hrs.

The study of economic processes using the tools of the calculus to model economic phenomena.

Prerequisites: Economics 350; Mathematics 114.

405 International Economics

3 Hrs.

A study of international institutions, international trade theory, monetary relations, ar policy issues. Topics covered include impor and export practices, multinational corporations, tariff and trade restrictions, balance o payments, and reserve currencies.

Prerequisite: Economics 202.

410 Econometrics

3 Hrs.

Mathematical modeling of economic phenomena.

Prerequisite: Economics 360.

420 History of Economic Thought

3 Hrs.

The study of the development of economic thinking from the Renaissance to modern times, with attention to the historical background against which major economic think ers worked and the impact of their ideas on public policy.

Prerequisites: Economics 201, 202.

449 Directed Individual Study

1, 2, or 3 Hrs.

A program of directed readings, independe study of an approved program, or an approve project formulated by the student and approved by the department.

Secretarial Practice

Queens College Secretaria Proficiency Certificate

A certificate will be awarded to those students who have completed a minimum of 30 hours with a cumulative quality-point average of 2.000. Requirements for the cert ficate: Secretarial Practice *101, 102, 104, *211, 212, 234, 250, 311; Business 105; Engl 109. Every candidate for the secretarial ce ficate must complete at least 27 hours of h program at Queens. (*These courses may b replaced by approved electives if a proficiency examination is passed.)

101 Beginning Typing

2 Hrs.

Training in the touch system of the keybo introduction to tabulation and letter styles

rst seven weeks of the term. This course
conducted on a Pass/No Record basis
r all students enrolled.

2 Advanced Typing

Hrs.

astery of tabulations, manuscripts; accurate
d attractive production of business forms
d statistical tables; building of typing speed
maximum of the individual's ability.
cond seven weeks of the term. This course
conducted on a Pass/No Record basis
r all students enrolled.

erequisite: Secretarial Practice 101 or
uivalent.

4 Office Automation

Hrs.

roduction to concepts and applications of
rd processing and dictation systems used
automated office procedures.

erequisites: Typing 101 and 102 or
uivalent.

y not be counted toward the 122 hours
uired for graduation.

1, 212 Elementary Shorthand

Hrs., 3 Hrs.

velopment of a writing knowledge of
gg Shorthand to a minimum sustained
e-taking speed of 60 words per minute
new material with 95 percent accuracy
transcription. 211 is offered the first seven
eks, 212 the second seven weeks of the
m.

234 Office Administration

3 Hrs.

Correlation of all phases of secretarial work including office management and procedures.

Prerequisites: Typing and Shorthand Skills.

250 Secretarial Professional Internship

3 Hrs.

An office setting will be selected by the student and the program director, subject to the approval of the Business and Economics Division. The student will report to work full-time for a period of three weeks. Each student will give a written report at the end of the three weeks, and the employer will be asked to give a critical evaluation.

Prerequisites: Secretarial Practice 102 or its equivalent, and a minimum of nine hours of courses required for the Queens College Secretarial Proficiency Certificate; or permission of instructor.

311 Advanced Shorthand

3 Hrs.

Building of minimum sustained notetaking speed on new material to 100 words a minute and production of commercially acceptable transcripts.

Prerequisites: Secretarial Practice 211 and 212 or equivalent.

Division of Fine Arts

George A. Stegner, *Chairman*
Dana Professor of Music

Byron Baldwin
Lecturer in Art

Marbury H. Brown
Associate Professor of Art

Richard F. Crown
Associate Professor of Art

William Davis
Instructor of Music

*Nancy Eagle Duncan
Dana Professor of Music

Jane Freeman
Instructor of Music

Elaine A. Gaertner
Lecturer in Music and Director of the Queens Conservatory

Joseph E. Lammers
Professor of Music

Irene Maddox
Instructor of Music

Janis C. Nilsen
Instructor of Music

Paul Arlyn Nitsch
Assistant Professor of Music

Ben N. Pfingstag
Assistant Professor of Art

Margaret G. Rice
Assistant Professor of Music and Artist-in-Residence

Mary Nell Saunders
Lecturer in Music

George A. Shealy
Professor Emeritus of Art

Aleo G. Sica
Associate Professor of Music

Robert Eugene Stigall
Lecturer in Music and College Organist

Olinda F. Wilson
Instructor of Music Therapy

**Leave of Absence 1982-83*

Art and Design

The Department of Art and Design offers varied programs leading to the Bachelor of Arts degree. The curricula are designed to prepare students for graduate study, teaching, museum work, and professional careers in art and design areas. Studio experiences are balanced by courses in art history and the liberal arts to strengthen the humanistic base of the programs. The essential aim of the programs is to develop intellectual and performance abilities, and assure a sound founda
tion for further development of the studen
or for her entry into a professional field.

Studio courses may be taken on a Pass/N
Record basis.

Bachelor of Arts

There are five areas of concentration. Ma
requirements are:

*Two-Dimensional Concentration (Paintir
Drawing, Printmaking, Photography):* Ar
104, 111, 112, 133, 134, 202, 203, 204, 302, 3
one 300-level course in art history, two a
courses at the 300-level or above, and 49

*Three-Dimensional Concentration (Ceran
ics, Sculpture):* Art 104, 111, 112, 133, 13
203, 223, 303, 324, 403, one 300-level cou
in art history, two art courses at 300-leve
or above, and 499.

Graphic Design: Art 104, 111, 112, 133, 2
310, 327, 340, 345, 350, 351, 404, 498, and 4

Art History: Art 111, 112, 328, 329, 330, 4
and 3 courses in the studio area (the foll
ing are suggested, as they do not involve
prerequisites, nor do they assume studio
expertise: Art 101, 223, 327, 345, 380).

American Art/Museum Studies: Art 101,
111, 112, 307, 308, 340, 407, and the followi
courses from the Program in Museums, A
chives, and Historic Sites: MAHS 250, 37
two internships in MAHS 475, and Art 49

*Art Education (K-12 Art Specialist Certi
ficate Program):* Art 104, 111, 112, 133, 1
202, 203, 211, 213, 223, 300, 310, 380, 499;
Education 221, 310, 345, 441; Psychology 3

An exploratory internship (IDS 205) for th
credit hours must be taken in the public
schools during the sophomore year, prefe
ably during the January Term. The field
periences in Education 441, Student Teach
in Art Education, and IDS 205, Explorato
Internship, must be taken on different le
to assure experience in both elementary
secondary schools. Art 498 is recommend
as an elective.

Minor

Art 104, 111, 112, 133, 134, 203 or 223, an
one additional course at the 300 level or
above are required.

Sophomore Review

Sophomore review is required of all maj
The student registers for Sophomore Rev
in Term II of her sophomore year or wh
she has completed 18 credit hours in art.
This review is by a full art faculty commit
and aids the student in planning her juni
and senior years.

Studio concentration students show 10
works in a portfolio. AA/MS students an
Art History concentration students submi
one 10-15 page paper to be reviewed.

istributed Requirements

t 101 or any art history course will fulfill Distributed Requirement, Area VI. The com-etion of the four Humanities courses (211, 2, 213, 214) also satisfies the Distributive quirement in art, Area VI (see page 63). t majors may not use art courses to fulfill ea VI Distributed Requirements.

ternships

ternships are an integral part of all pro-ams within the department, and provide e student with valuable practical experi-ce in all professional areas.

1 Introduction to Art

Hrs.

signed for the student with little or no art perience who wishes to gain some under-nding of fundamental concepts necessary the visualization of an idea. Involves as-cts of lecture and studio procedure. Con-ts of line, value, form, structure, space, d color will be introduced through periodic le presentations. Exploration of such dia as pencil, pen and ink, charcoal, and ylic paint. Subject matter: still-life and dscape.

1 Drawing I

Irs.

phasis on drawing through close observa- of nature, and as an expressive medium communicating felt responses to subject tter.

rcises in contour, gesture, modeled form, light, using still life, landscape, and the nan figure. Media to include pencil, char-l, ink, and tempera.

hours studio a week.

1 Ancient to Early Renaissance Art

rs.

vey of stylistic developments in architec-, sculpture, painting, and the minor arts he Mediterranean and European coun-s from prehistoric times to approximately) A.D.

1 High Renaissance Art to the sent Time

rs.

vey of stylistic developments in architec-, sculpture, painting, and the minor arts urope and America from approximately) to the present day.

requisite: Art 111 or permission of the ructor.

133 Two-Dimensional Design

3 Hrs.

Exploration of basic elements of line, pattern, texture, in relation to surface concerns of movement, rhythm, and direction; the use of traditional and non-traditional media; various approaches to the organization and interaction of form in two-dimensional space.

Six hours studio a week.

134 Three-Dimensional Design

3 Hrs.

Exploration of basic elements of three-dimensional form and space; use of a wide variety of materials and tools; various approaches to the organization and interaction of form in three-dimensional space.

Six hours studio a week.

202 Painting I

3 Hrs.

Studies in basic structure and color, with emphasis on pictorial elements interpreted through painting media.

Six hours studio a week.

Prerequisites: Art 104, 133.

203 Sculpture I

3 Hrs.

Fundamental studies in the creative organization of space and mass; the technical problems of modeling, casting, and carving.

Six hours studio a week.

Prerequisite: Art 104.

204 Drawing II

3 Hrs.

An intermediate course based primarily on the study of the human figure, using a variety of drawing media.

Six hours studio a week. Supply Fee $25.

Prerequisite: Art 104.

211 Methods in Secondary Art Education

3 Hrs.

Exploration of art media, techniques, and teaching methods appropriate to the secondary school. Laboratory teaching situations will provide immediate experience with secondary school students.

Four hours studio a week. Supply Fee $15.

213 Methods in Art Education

3 Hrs.

Exploration of drawing, design, color, and materials and their application to problems in art for elementary school pupils.

Four hours studio a week. Supply Fee $15.

Prerequisites: Ed. 221, Ed. 310.

223 Ceramics I

3 Hrs.

Fundamentals of both hand building and throwing on the potter's wheel. Hand building techniques will include pinch, coil, and slab construction. Glaze instructions will stress the relationships between form and color.

Six hours studio a week. Supply Fee $45.

300 Principles of Art Education

3 Hrs.

Exploration of historical and contemporary approaches to art education, with classroom observation in local schools.

Prerequisites: Ed. 221, Ed. 310.

302 Painting II

3 Hrs.

Advanced study with an emphasis on the individual development and experimentation in a chosen painting medium.

Six hours studio a week.

Prerequisite: Art 202.

303 Sculpture II

3 Hrs.

Examination of the human form as basis for sculptural expression; special attention placed on anatomical studies, interrelationship of body parts, proportions, and life studies.

Six hours studio a week.

Prerequisite: Art 203.

304 Drawing III

3 Hrs.

An advanced drawing course encouraging an independent and critical attitude and approach through more extended, student-directed studies in a wide variety of media, including work in color.

Six hours studio a week.

Prerequisite: Art 204.

307 Art in the United States

3 Hrs.

Study of the architecture, sculpture, painting, and minor arts of the Colonial period throug the present, supplying courses in American social and political history.

Prerequisite: Art 111, 112, or permission o instructor.

308 Crafts and Design in the United States

3 Hrs.

A study of the broad range of design applications to utilitarian uses, including early Indian artifacts, colonial housewares, furniture, and the impact of modern technology on the crafts and design field.

Prerequisite: Art 111, 112, or permission o instructor.

310 Printmaking I

3 Hrs.

Exploration of the basic principles of prin making through such media as wood cuts, linoleum cuts, or serigraphy. Pictorial composition, sound procedure, and techniques are stressed in the program.

Six hours studio a week. Supply Fee $35.

Prerequisites: Art 104, 133.

323 Ceramics II

3 Hrs.

Further exploration of ceramic possibilitie including advanced throwing techniques, larger hand construction projects as well basic glaze formulation theory.

Six hours studio a week. Supply Fee $45.

Prerequisite: Art 223.

327 Photography

3 Hrs.

Photography used as an expressive mediu and as a tool for exploring visual experienc Emphasis will be on selection and treatm of subject matter. Students will learn nece sary skills in photographic technique and acquainted with the historical developmen of photography.

Six hours studio a week. Supply Fee $25.

328 Nineteenth-Century Painting

3 Hrs.

Study and analysis of painting from the t of David through the Post-Impressionists and resulting influence upon the development of art in the 20th century.

Prerequisite: Art 111, 112, or permission o the instructor.

29 Twentieth-Century Painting

Hrs.

istorical study of international artistic ex-
ressions of the 20th century and discussions
f trends and aesthetics of contemporary art.

rerequisite: Art 111, 112, or permission of
ie instructor.

30 The Age of Rembrandt

Hrs.

n extensive survey of painters and paint-
gs in seventeenth-century Holland, including
ich figures as Frans Hals, Rembrandt, and
n Vermeer. Focus on the development of
rious categories of Dutch painting: sea-
ape, still life, landscape, group portraiture,
terior scenes. Attention given to the gen-
al background of ideas and events which
aped this national art.

rerequisite: Art 111, 112, or permission of
e instructor.

0 Introduction to Graphic Design

Hrs.

survey of the varied forms, processes, and
plications of graphic communication, with
phasis upon the more sophisticated tech-
ques and approaches of the contemporary
signer.

5 Letterforms

Hrs.

storical and psychological meanings of
ters, including a variety of hand and mech-
ical methods of lettering in use today.

0 Techniques in Graphic Design

Hrs.

practical study of the technical consider-
ons and methods used in preparation of
for various printing processes; supple-
nted by periodic trips to graphic studios
l printing plants.

requisite: Art 133.

3 Concepts in Graphic Design

Irs.

cus on design problems of organization,
out, and presentation of ideas within a
iety of communications media.

requisite: Art 350.

3 Crafts

Irs.

experience with various crafts, i.e.,
crame, tie dye, enamelling, weaving.
Required for K-12 art specialty teaching certificate, elective for early childhood and intermediate certification candidates.

384 Ceramic Design

3 Hrs.

Students develop a repertoire of original decorations and learn to adapt them to a variety of forms. This course includes extensive exposure to the history of ceramic forms and decoration.

Supply Fee $35.

Prerequisites: Art 134, 323.

402 Painting III

3 Hrs.

Further exploration in painting on an independent study basis.

Prerequisites: Art 202, 302.

403 Sculpture III

3 Hrs.

Advanced studies in form and methods relating to the design and construction of three-dimensional objects.

Six hours studio a week.

Prerequisite: Art 303.

404 Illustration

3 Hrs.

Advanced class using a variety of painting, drawing, and photographic material in the design and execution of illustrations for printed matter.

Prerequisite: Art 204.

407 Topics in Art History

3 Hrs.

Focus on specific questions of style, traditions, and influence as they relate to the emergence and development of art in Europe and America. Topics to be announced annually.

Prerequisite: Art 111, 112, or permission of the instructor.

410 Printmaking II

3 Hrs.

Continued study in relief printing techniques and serigraphy, encouragement of independent exploration within the medium through student-directed assignments.

Six hours studio a week. Supply Fee $35.

Prerequisite: Art 310.

FINE ARTS

444 Ceramic Materials

3 Hrs.

This course covers clay materials, glaze chemistry and firing techniques. Special attention is paid to native North Carolina materials.

Supply Fee $25.

Prerequisites: Art 134, 323.

450 Problems in Art

3 Hrs.

Advanced work in specialized areas of art for students with unusual talent and scholarship. No student may take work in more than two areas. Admission by permission of the department.

Supply Fee: To be determined by project.

460 Sources and Concepts

3 Hrs.

A seminar course, based on discussions of the participant's studio work. Specifically an examination of concepts and sources from two perspectives: (1) from the student's personal development and experience and (2) from related readings in art history, criticism, psychology, philosophy, and other disciplines.

Prerequisite: Art 111, 112, or permission of the instructor.

484 Kiln Construction

3 Hrs.

As students study the historical development of firing techniques they concurrently construct working kiln models, ranging from the most primitive open firings to modern electric kilns. Contemporary materials and industrial procedures are studied through visits and internships with clay manufacturers in the state.

Prerequisite: Art 323.

498 Professional Internship

3 Hrs.

Practical experience under professional supervision outside the college in a variety of areas, such as advertising agencies, art studios, museums, galleries, community art centers, and art workshops. Required of graphic design majors, an elective for studio concentration majors, and crosslisted with MAHS 475 for AA/MS majors.

Prerequisite: Junior standing.

499 Senior Thesis

1 Hr.

A final project to be worked out between adviser and student during senior year, to presented before the art faculty prior to graduation.

Music

The Music Department puts emphasis upon the individual purpose of each student whether she is pursuing music as a professional career, developing a special abilit studying to become a teacher, or is intereste in music as a part of her liberal education. Small classes allow personal attention, and students receive private instruction under teachers who are performing artists. Arrangements can be made for study of any orche tral instrument not listed in this section. Ensemble work is stressed through participation in the musical organizations of the college. The more advanced students have many opportunities for group and solo performances in the city of Charlotte through local organizations such as the Charlotte Opera Association, the Oratorio Singers, th Charlotte Symphony Orchestra, and church choirs.

Bachelor of Arts

Forty credit hours in music including Musi 100, 103, 104, 113, 114, 203, 204, 213, 214, 30 308, 407; Physics 103; at least two years o ensemble work (choir, chorus, and/or instru mental ensemble); attendance at a specifie number of public recitals of students and faculty; and at least one credit hour of private training in applied music for four terr

Credit hours gained in courses marked wit an asterisk (*) may not be counted towar the 40 hours music concentration under th B.A. program in music. At least 18 of the hours shall be in courses numbered 300 ar above. The following fields can be elected for special emphasis under this degree: general music, applied music, history and literature, sacred music, and theory.

Bachelor of Music

Candidates are required to fulfill the same Distributed Requirements as those required of all liberal arts candidates. Also required are Music 100, 103, 104, 113, 114, 203, 204, 213, 214, 307, 308, 320 (not required for music therapy majors), 407; Physics 103; si to eight credit hours ensemble work (choi chorus and/or instrumental ensemble; only four hours required in music therapy); atte dance at a specified number of public recita of students and faculty and the following:

1. In Applied Music: Thirty-eight hours o music apportioned as follows: 21 to 24 ho in a chosen instrument, half-recital in juni year, Music 400, Music 215, 216 (voice ma-

jors only), 313-314 or 413-414 (piano majors only), three to six additional hours in music courses, and four additional hours (in four terms) in other applied music. Voice majors are required to achieve the proficiency level on the completion of the second year of study in a foreign language. At the end of the sophomore year a qualifying examination will be given in the major applied area.

2. In Music Education: Music 75, 95, 321, 321L, 322, 322L, 415, 416, and no less than 14 credit hours in a major performance area and four credit hours in a minor performance area. (See music bulletin for musical and technical standards in performance areas.)

3. In Piano Pedagogy: 15 to 17 credit hours in piano (including Music 95); half recital; Music 313, 314, 413, 414, 417, 418; at least nine additional hours in music; Psychology 201, Education 310, and Psychology 209 or 319.

4. In Sacred Music:

(a) Emphasis in organ: Music 75, 95, 215, 315, 316, 317, 415, 415L, 416, 475 (3 hrs.), 15 to 17 hours in organ (including Music 400); Religion 103, 205, 206, and four terms in a minor applied area.

(b) Emphasis in conducting: Music 95, 215, 315, 316, 317, 415, 415L, 416, 475 (6 hrs.), minimum of 4 terms in organ or piano, minimum of 4 terms in voice; Religion 103, 205, 206.

5. In Music Therapy: Music 95, 209, 211, 321, 321L, 322, 322L, proficiencies in a principal applied instrument (or voice), guitar, and voice, and elective hours in music to bring the total to 60 hours (Music 415 and/or 416 are strongly recommended); music therapy courses 217, 401, 402, 409, 410, 411, 412, and 456; 20 hours of work in the Behavioral/Health/Natural Sciences areas, including Physics 103, Psychology 201, 209, 304, 308, and Biology 111, 111L. The entire Music Therapy program is detailed in a special bulletin.

Minor

The following courses totaling 24 credit hours are required for a minor in the field of music: Music 100 plus three additional hours chosen from Music 307, 308, or 407; Music 103, 104, 113, 114; four credit hours in applied music and/or ensemble; six credit hours of music electives.

Distributed Requirements

Distributed Requirements, Area VI, can be satisfied by Music 100 or 207. Music majors may not use music courses to fulfill Area VI Distributed Requirements. Music education and music therapy majors may fulfill Area VI requirements by using music courses only.

100 Introduction to Music

3 Hrs.

Study of the basic materials of music, survey of the important composers, and examination of selected masterpieces with reference to cultural background; technical knowledge of music not necessary for enrollment.

103 Beginning Theory and Composition I

3 Hrs.

Fundamentals of notation, tonality, scales, and modes, interval and triadic structure. Elementary characteristics of melodic form. Four-part writing in a homophonic style using triadic structures. Analysis of chorale style involving triads, seventh chords, modulation, nonharmonic tones.

104 Beginning Theory and Composition II

3 Hrs.

Part writing in a homophonic style using triadic structures, seventh chords, nonharmonic tones, modulation, secondary chords, and other chromatic harmonies. Introduction to and analysis of smaller forms.

Prerequisite: Music 103.

113, 114 Elementary Sightsinging and Ear-Training

1 Hr., 1 Hr.

Study and application of techniques of music reading and identification of sound. Grading is Pass/No Record for all students enrolled. Course is completed at any time during the term when proficiency has been achieved.

Prerequisite to Music 114: Music 113.

203 Intermediate Theory and Composition I

3 Hrs.

Two- and three-voiced writing in the contrapuntal and harmonic style. Study of basic contrapuntal forms. Further study and review of nondominant seventh chords and chromatic harmony. Analysis and written exercises.

Prerequisite: Music 104.

204 Intermediate Theory and Composition II

3 Hrs.

A study of basic homophonic forms. Introduction to compositional techniques of the 20th century and possibilities of melodic, harmonic, and tonal expansion. Analysis and written exercises.

Prerequisite: Music 203.

207 Music in America

3 Hrs.

A survey of music and musical practices in the United States from colonial times to the present, with particular emphasis on those inherent qualities which have permeated America's serious and popular music over the past three centuries. No musical background necessary.

208 Piano Technology

3 Hrs.

An introductory study of piano technology with special emphasis on the practical application of tuning, elementary repair and maintenance.

Admission of non-music majors by permission of instructor.

209 Recreational Music

3 Hrs.

Materials, methods, and repetorie for music in leisure-time activities. Folk and popular music, accompanying, and performance skills are emphasized. To be taken after proficiencies in piano, voice, and guitar have been demonstrated.

211 Music Leadership

3 Hrs.

Group leadership skills, functional conducting and arranging of folk and popular music, and non-traditional ensembles are emphasized. Weekly group sessions with handicapped persons in community agencies are required.

Prerequisite: Music 209.

213, 214 Intermediate Sightsinging and Ear-Training

1 Hr., 1 Hr.

Study and application of techniques of music reading and identification of sound. Audition required. Grading is Pass/No Record for all students enrolled. Course is completed at any time during the term when proficiency has been achieved.

Prerequisite for Music 213: Music 114.

Prerequisite for Music 214: Music 213.

215 Diction for Singers (English, Latin, and Italian)

1 Hr.

Two 50-minute periods weekly in which students are instructed in use of the International Phonetic Alphabet as well as the correct pronunciation of the English, Latin, and Italian languages in relation to singing.

Prerequisite: Previous vocal training or consent of instructor.

216 Diction for Singers (French and German)

1 Hr.

Two 50-minute periods weekly in which students are instructed in the correct pronunciation of the French and German languages in relation to singing.

Prerequisite: Music 215.

217 Introduction to Music Therapy

2 Hrs.

An overview of the field of music therapy is presented, including theoretical bases, application of methods and materials in music therapy, a model for data-based treatment, and observation of handicapped persons. To be taken in the freshman or sophomore year. Open to all students.

230 Music Methods for Elementary Teachers

3 Hrs.

Materials for and methods of teaching music in the elementary school with emphasis on techniques of teaching music fundamentals, supervising performing activities, and helping the elementary child to become an intelligent listener.

Prerequisite: Music 100 and some basic knowledge of the fundamentals of music theory and elementary piano playing demonstrated on examination, or by one term of private piano study.

307 Music From the Ancient Greeks Through the Baroque Era

3 Hrs.

Study of the broad aspects of music in Western civilization from approximately 500 B.C. through the Baroque era; emphasis on representative composers and forms.

Prerequisite: Music 100.

308 Music in the Classical and Romantic Eras

3 Hrs.

Study of the newly perfected forms of orchestral, chamber, and keyboard music as found in the works of Haydn, Mozart, and the earlier Beethoven; and of the progression of the romantic element in music of the 19th century and composers involved.

Prerequisite: Music 100.

313, 314 Elementary Piano Pedogogy and Materials

3 Hrs., 3 Hrs.

Topics in methods, piano-readiness, musicianship, theory, technique, and interpretation as they pertain to the first four years of piano study; extensive survey and evaluation of pedagogical materials. Observation of piano teachers and supervised student teaching in piano at the elementary level.

Prerequisite: Music 95 or permission of instructor.

315 Hymnology and Choral Literature

3 Hrs.

The study of the hymn and hymn writers. The poetic and metrical form of the hymn. The philosophy and use of the hymn in worship. An historical and stylistic survey of choral literature for use in the church.

316 Church Liturgies and Music

3 Hrs.

Background and review of the liturgies and music of all branches of the Christian church. Background begins with Hebrews, and study continues with the Greek, Roman, Anglican, Lutheran, and Reformed faiths.

317 The Organ In Church Service

3 Hrs.

Instruction in church service playing, with emphasis in repertoire, hymn playing, choir accompaniment, modulation, improvisation and discussion of electronic organs in use today.

319 Study of a Composer

3 Hrs.

Each term that this course is offered one composer will be selected for an in-depth examination of his life, works, style, and influence on his contemporaries and followers.

Prerequisite: Music 100. May be taken more than once with different composers studied.

320 Seminar in Applied Analysis

3 Hrs.

Independent study and analysis of compositional techniques and formal styles of compositions studied in music literature and applied music classes. Class seminar meetings.

Prerequisite: Music 204.

321 Methods for Public School Music Teachers I

2 Hrs.

Materials, theories, and techniques involved in teaching of all areas of music in the elementary school. Introduction to materials, theories and techniques involved in teaching instrumental music in the elementary and junior high schools; observations of local school groups. Class meets three 50-minute sessions per week.

Music 321L is to be taken concurrently.

321L Music Education String Laboratory

1 Hr.

Two weekly sessions of 50 minutes each, in which music education students are taught techniques of playing and teaching string instruments. Should be taken concurrently with Music 321.

322 Methods for Public School Music Teachers II

2 Hrs.

Continuation of the study of instrumental music in the public schools with emphasis on the high school; materials, theories and techniques involved in teaching choral music in junior and senior high school; observations of local school groups. Class meets three 50-minute periods per week.

Music 322L is to be taken concurrently.

322L Music Education Wind and Percussion Lab

1 Hr.

Two weekly sessions of 50 minutes each, in which music education students are taught techniques of playing and teaching woodwind, brass, and percussion instruments. Should be taken concurrently with Music 322.

400 Senior Recital

1 Hr.

The preparation and performance of a full public solo recital in the major instrument. Grading is Pass/No Record for all students enrolled.

401 Psychology of Music I

3 Hrs.

Music preference and ability are studied, along with physiological, cognitive, and affective responses to music.

Prerequisites: Psychology 201 and Physics 103. To be taken in junior or senior year. Open to all students.

402 Psychology of Music II

3 Hrs.

Observation systems, measurement and testing methods, and research and statistical methods relating to musical behavior are studied.

Prerequisite: Music 401.

407 Music Literature of the Twentieth Century

3 Hrs.

Study of the development of music during the 20th century beginning with the works of Debussy and Mahler; aspects, means of expression, and present day tendencies examined and discussed through the use of contemporary masterpieces.

Prerequisite: Music 100.

408 Composition

3 Hrs.

Creative expression in various musical media based on a study of traditional and 20th century forms and techniques of composition; suitable compositions performed in workshop recitals. Admission by permission of the instructor.

409 Music in Therapy I

3 Hrs.

The theoretical, scientific, and clinical aspects of music in therapy are reviewed in relation to developmental disabilities, mental health and illness and physical disabilities. Behavioral objectives, treatment plans, documentation and assessment procedures, and professional communications skills are emphasized. Must be taken concurrently with Music 411. Open to Music Therapy juniors and seniors.

410 Music in Therapy II

3 Hrs.

Continuation of Music in Therapy I, applied to the following treatment populations: geriatrics, behavior disorders, learning disabilities, disadvantaged conditions, delinquency and corrections, and substance abuse. Must be taken concurrently with Music 412.

Prerequisite: Music 409.

411 Music Therapy Practicum I

1 Hr.

Must be taken concurrently with Music 409; supervised clinical music therapy practicum.

412 Music Therapy Practicum II

1 Hr.

Must be taken concurrently with Music 410.

413, 414 Advanced Piano Pedagogy and Literature

2 Hrs., 2 Hrs.

For use in teaching the more advanced student; comprehensive survey of the literature of the piano, with discussion of musicianship; technique, theory, and interpretation. Students concentrating in piano pedagogy should take Music 417-418 concurrently.

415 Choral Conducting and Arranging

3 Hrs.

Basic conducting techniques and choral arranging applied to the specific task of producing music with a choir.

Prerequisite: At least one year of choir experience, and Music 204 or permission of the instructor.

415L Conducting Lab

1 Hr.

Individual attention is given to each student's technical development in conducting. The study of the score will be emphasized from the director's standpoint. Primarily for choral conducting majors.

416 Instrumental Conducting and Arranging

3 Hrs.

Techniques of score reading and orchestral conducting as developed from a study and understanding of fundamentals of orchestration; laboratory experience in conducting.

Prerequisite: Music 204 or permission of the instructor.

417, 418 Supervised Student Teaching in Piano

1 Hr., 1 Hr.

Observation of piano teachers and supervised student teaching in piano at the elementary level.

Prerequisites: Music 313, 314.

450 Advanced Studies in Music

3 Hrs.

Students who have displayed unusual interest and scholarship in some specific phase of music and have been approved by the faculty in music may pursue this interest under the guidance of an appointed faculty member.

456 Music Therapy Professional Internship

4 Hrs. minimum

A six-month continuous full-time affiliation with an approved clinical facility which follows all course work. The intern will perform assigned music therapy duties under the supervision of an experienced registered music therapist. Open to music therapy majors who have completed all course work. Grading is Pass/No Record for all students enrolled.

475 Sacred Music Professional Internship

3 Hrs.

Working in local churches to develop a consistent philosophical, theoretical and practical approach to music in worship.

Prerequisite: Music 316.

Applied Music

170, 180 Applied Music (For No Credit)
For full-time college students only. One half-hour private lesson in piano, organ, strings, or voice. Attendance at lessons and satisfactory work are expected at all times.
See fee schedule in section on Costs.

Private Instruction

Piano, organ, strings, voice, harp, guitar, oboe. or other instrument. The general aim of private instruction is development of all phases of performance: technique, style, musicianship, interpretation, and repertoire. Assignments to instructors are made by the chairman of the department, and students usually remain with the same instructor throughout the course of study. Students registered for two or three credits per term receive 60 minutes of individual instruction and a one-hour weekly group repertoire or workshop session; students registered for one credit per term receive 30 minutes of individual instruction and a one-hour weekly group repertoire or workshop session. See fee schedule in section on Costs. Applied Music may not be taken as Pass/No Record.

171, 181 Private Instruction in Applied Music and Repertoire Class

1 Hr., 1 Hr.

One hour of daily practice required. May be repeated for credit.

172, 182 Private Instruction in Applied Music and Repertoire Class

2 Hrs., 2 Hrs.

Two hours of daily practice required. May be repeated for credit.

173, 183 Private Instruction in Applied Music and Repertoire Class

3 Hrs., 3 Hrs.

This course is open only to Applied Music (performance) majors under the Bachelor of Music degree program and requires no fewer than three hours daily practice and two approved public performances (student workshops included) in each term. Freshman performance majors are exempted from the requirement of giving a public performance during Term I. May be repeated for credit.

371, 381 Private Instruction in Applied Music and Repertoire Class

1 Hr., 1 Hr.

Admission to upper level standing only by permission of music faculty or jury examination. One hour of practice required daily.

372, 382 Private Instruction in Applied Music and Repertoire Class

2 Hrs., 2 Hrs.

Admission to upper level standing only by permission of music faculty or jury examination. Two hours of practice required daily.

373, 383 Private Instruction in Applied Music and Repertoire Class

3 Hrs., 3 Hrs.

This course is open only to Applied Music (performance) majors under the Bachelor of Music degree program and requires no fewer than three hours daily practice and two approved public performances (student workshops included) in each term. Admission to upper level standing only by permission of music faculty or jury examination.

Music Classes

Credit hours gained in courses marked with an asterisk (*) may not be counted toward the 40 hours music concentration under the B.A. program in music.

*55, 56 Piano Class for Music Majors

1 Hr., 1 Hr.

One weekly session of 50 minutes in which classes of beginning piano students are instructed in the fundamentals of piano playing in partial preparation for entering Music 95. Primarily for music therapy, music education and other students who are required to have a piano proficiency before graduation. Regular practice required.

Music 55 is prerequisite to Music 56.

*57, 58 Piano Class for Non-Music Majors

1 Hr., 1 Hr.

One weekly session of 50 minutes in which classes of students are instructed in the beginning phases of piano playing. Elective for students with *no* previous training; regular practice required.

Music 57 is prerequisite to Music 58.

*61, 62 Beginners String Class

1 Hr., 1 Hr.

One weekly session of 50 minutes in which students are instructed in the beginning phases of violin, viola, and cello playing; regular practice required.

Music 61 is prerequisite to Music 62.

*65, 66 Guitar Class

1 Hr., 1 Hr.

One weekly session of 50 minutes in which students are instructed in the fundamentals of guitar playing. This course is specifically designed for the music therapy major who must pass a proficiency exam in this instrument before graduation.

Music 65 is prerequisite to Music 66.

75 Voice Class

1 Hr.

Two weekly sessions of 70 minutes each, in which students with little or no vocal training are instructed in the basic vocal principles, simple exercises, and songs; regular practice is required.

Required of all students concentrating in music education unless they have comparable credit in private voice instruction; should be taken as early as possible in the program of study; open to any student. Grading is Pass/No Record for all students enrolled.

*83, 84 Chorus

1 Hr., 1 Hr.

A choral organization for singers of average ability. Grading is Pass/No Record for all students enrolled.

*85, 86 Ensembles: (a) Small Ensemble (b) Orchestra (c) Vocal Coaching

1 Hr., 1 Hr.

(a) Accompanying or work, discussion, and performance in chamber groups; sonatas, trios, quartets.

(b) Participation in the Queens Community Orchestra or the Charlotte Symphony.

(c) The vocal coaching credit may not be counted towards the ensemble requirement.

*87, 88 Concert Choir

1 Hr., 1 Hr.

Admission by audition only; repertoire includes works from the 15th century through the contemporary period.

95 Functional Piano Class

1 Hr.

Includes procedures and skills for proficiency in reading, harmonization, and transposition at sight; materials for teaching elementary and secondary school music.

Open to any student with sufficient background but designed particularly for students majoring in some aspect of public school music or piano pedagogy. The class will meet for one-hour sessions twice a week. Grading is Pass/No Record for all students enrolled. Students may exempt this course by passing a proficiency examination.

Division of Humanities

Paul B. Newman, *Chairman*
Professor of English

Elisabeth H. Chapman
Lecturer in English

Mollie C. Davis
Associate Professor of History

Richard Goode
Assistant Professor of English

Charles O. Hadley
Professor of English

Jane H. Hadley
Instructor of English (Drama)

Madeleine B. Jacobs
Assistant Professor of Foreign Languages (French)

E. Elizabeth Johnson
Lecturer in Humanities

Marjorie T. Kirby
Z. Smith Reynolds Professor of Foreign Languages (Spanish)

Barbara J. Linney
Lecturer in English

Charles E. Lloyd
Lecturer in English

Norris W. Preyer
Dana Professor of History

Beth Resler
Lecturer in Journalism

John B. Robbins
Visiting Assistant Professor of Humanities

Earle D. Roberts
Lecturer in Religion

Stuart C. Schwartz
Lecturer in History

William A. Thompson
Professor of History

Humanities

Humanities 211, 212, 213, and 214 are interdisciplinary courses which, within the framework of the historical approach, introduce the student to the major artistic, religious, intellectual, literary, social, and political developments in Western civilization. In these courses, the major writings and artistic works of each period are examined together with a variety of modern interpretations.

Classes meet three times a week and consist of general lectures, interdisciplinary faculty discussions, class discussions, and films. The teaching staff consists of four instructors—one each from history, literature, art, and philosophy/religion—with the participation of faculty from other disciplines.

Distributed Requirements

Humanities Courses Taken	*Elective Hours Earned*	*Distributed Requirements Satisfied*
1	3	0
2	3	1, in either History or Religion or Philosophy in Area III
3	3	2, chosen from History, Philosophy, and Religion in Area III, and English Literature in Area VI
4	0	4, chosen from History, Philosophy, and Religion in Area III, and English Literature and Art in Area VI

211 The Western Experience in the Ancient World

3 Hrs.

An interdisciplinary course which explores the Western experience from the origins of civilization in the ancient Near East to the end of the Roman Empire in the West. The major literary, artistic, religious, philosophical, and historical works of each period are examined.

212 The Western Experience in the Middle Ages, Renaissance, and Reformation

3 Hrs.

An interdisciplinary course which explores the Western experience from the advent of the Middle Ages through the Reformation. The major literary, artistic, religious, philosophical, and historical works of each period are examined.

213 The Western Experience from the Scientific to the French Revolution

3 Hrs.

An interdisciplinary course which explores the Western experience from the Scientific Revolution and the Baroque Period through the Enlightenment and the French Revolution. The major literary, artistic, religious, philosophical, and historical works of each period are examined.

214 The Western Experience from the French Revolution and Romanticism to the Nuclear Age

3 Hrs.

An interdisciplinary course which explores the Western experience from the French

Revolution and the advent of Romanticism and the Industrial Revolution to the Nuclear Age. The major literary, artistic, religious, philosophical, and historical works of each period are examined.

English

Courses in the department include composition, literature, speech, film, dramatic arts, and journalism. Students are encouraged to take courses in all these areas, but courses in speech, film, dramatic arts (unless specified), and communications do not count towards a regular major in English. Initial courses train the student to perceive and evaluate the form, structure, and inner dynamics of any literary work. Advanced courses focus on specialized areas of relevance and are designed to give the student an awareness of ways in which other disciplines can contribute to a fuller understanding of literature.

Careers

Study of literature and composition affords preparation for professional schools in law and teaching. In addition, students majoring in this department find their training applicable to editing, newspaper and television journalism, copywriting for publishers and advertising agencies. When combined with study in communications, economics and business, careers may be planned for public relations and personnel work. Career opportunities also exist in films, theatre, and many phases of creative writing. Students may also obtain teaching certificates through elective courses. Students interested in drama and theatre may want to consider the program outlined in the section on dramatic art.

Major

Students may major in English, or in English/Drama. The requirements for the English major are as follows:

Core courses: 201, 301, 302, 331, 332, 460; plus any two of the following: 309, 313, 318, 320; plus any two of the following: 322, 325, 326, 327; plus any two upper-level English courses. A total of 36 hours in English is required, except that English majors may substitute three semesters of the sequence of Humanities courses 211, 212, 213, 214 for English 201.

The following courses in Dramatic Art will be accepted: 303, 304, 327, 336. Major advisers will consult with students in career and graduate school preparation, and in planning tailored programs in communications, journalism, teaching, and drama. Advanced placement will allow exemption from 201. Outstanding majors will be invite by the department to participate in a program of special study which, if successfully completed, will result in graduation with Honors in English.

Minor

Non-English majors may follow a program leading to a minor in English; or in English Drama; or in Communications. English majors may follow a program leading to a minor i Communications, if they so desire. The requirements for the minor in English are as follows: English 201, 301, and 302 are required. English 460 is recommended as part of the remaining 12 hours, nine of which must be at the 300 level or above.

Distributed Requirements

The requirement, Area I, is met by English 101 and 102, to be taken in Terms I and II the freshman year. The requirement, Area V in literature, may be met by English 201 or 217, or by taking three semesters of the sequence of Humanities courses 211, 212, 213, or 214; or by any literature course numbered 300 or above in the foreign language department. English majors may not use English courses to fulfill Area VI Distribute Requirements.

Prerequisites

English 101, 102 and either 201 or three semesters of the Humanities sequence 211, 212, 213, 214 are prerequisite to all English courses numbered 300 or above. Special consideration will be given, in certain cases to non-English majors who desire to take courses numbered 300 or above.

101 Communications Skills I

3 Hrs.

This course will emphasize the development of the student's critical standards, and will stress the ability to use research techniques Some reading will be done to provide thematic content to the course.

102 Communications Skills II

3 Hrs.

Course designed to help freshmen to write, read, and speak clearly. Part of the semeste will be devoted primarily to speech. The res of the semester will be devoted to teaching the student how to organize and write an effective short essay. Reading material will be used to stimulate the student's critical insights and to provide thematic content.

Prerequisite: English 101.

01, 102 Communications Workshop

he communications workshop is required
s part of English 101, 102 for students who
il to pass the exemption examination. It
rovides a review center for basic grammar,
mposition and speech skills in which each
udent works under supervision and is given
dividual attention. Slides and films will be
own, from time to time, on topics related
class discussion and to the student's
riting and speaking.

9 Business English

Hrs.

sic review of mechanics and composition
ills. Some attention to oral as well as writ-
n communication. Letter writing and intro-
ction to technical writing.

credit toward English major or Distrib-
ed Requirements.

1 Introduction to Literature

Hrs.

lected American, English, and European
tion, and drama; interpretive reading and
iting based on literature; class discussions,
lividual conferences, and short papers.
urse is prerequisite to all English courses
mbered 300 and above, except in certain
ses, with approval of instructor.

2 Women in Literature

Hrs.

ganized around female stereotypes and
hetypes, this study of images of women in
rature makes use of reading selections
m nineteenth and twentieth century authors
strating both positive and negative views
women as wives, mothers, sex objects,
luctress-goddesses, spinsters and liberated
sons.

2 Backgrounds to Western Literature

Irs.

tudy of the classical and biblical back-
unds which figure so importantly in the
elopment of the Western literary tradition.
ile some consideration will be given to the
orical and philosophic nature of the works
lied, the emphasis will be on the works as
at literature. Included will be a study of the
le, Greek drama, the Homeric epic, and
stotle's Poetics.

n to freshmen, sophomores, and students
concentrating in English, as well as
lents concentrating in English.

, 302 Literary History of England

rs., 3 Hrs.

Historical and critical exploration of the major periods, forms, and attitudes of English literature from Beowulf to the present. Continuities and discontinuities of central developments of English literature will be discussed through the texts. Literary examination and judgment as well as writing skills will be stressed.

For sophomores and juniors; 301, 302 need not be taken before other 300 numbered courses, but can be taken simultaneously or later.

303 Major Figures in World Drama: Ancient Greece to the Renaissance

3 Hrs.

Survey of dramatic literature from ancient Greece to the Renaissance, with emphasis on the relationship of the plays to the physical circumstances of theatrical production and to the historical and cultural milieu of the period.

NOTE: Students may elect this course as Dramatic Art and Speech 303.

304 Major Figures in World Drama: Renaissance to Modern

3 Hrs.

Survey of dramatic literature from the Renaissance to the time of Ibsen with emphasis on the relationship of the plays to the physical circumstances of theatrical production and to the historical and cultural milieu of the period.

NOTE: Students may elect this course as Dramatic Art and Speech 304.

307 Advanced Composition

3 Hrs.

Study of principles of writing, with special attention to observation and reflection, form and meaning, modern usage, and effective expression.

308 Creative Writing

Practice in writing and in criticism of the essay, short story, and poem in view of a final piece of sustained, related work, for students with interest in and aptitude for composition.

Admission by permission of instructor.

309 Chaucer and Medieval Literature

3 Hrs.

Readings in medieval English literature with emphasis on Chaucer, the Arthurian romance, and the medieval drama.

312 The Renaissance

3 Hrs.

Exploration of the major attitudes, forms, and techniques of Renaissance literature with an emphasis on England. Broad connections with related developments in Renaissance art, history, and government will also be examined.

313 Shakespeare

3 Hrs.

Representative comedies, histories, tragedies, and romances with emphasis on Shakespeare's development as a dramatic artist.

318 The Seventeenth Century

3 Hrs.

Study of poetry, drama, and prose with emphasis on Jonson, Donne and the Metaphysicals, and Milton.

320 Literature of the Restoration and the Eighteenth Century

3 Hrs.

A study of neo-classical literature, from the Restoration through Pope and the Augustans to the pre-romantics.

322 The Romantics

3 Hrs.

Representative major poetical works of early and late Romantic authors. Key prose documents in the rise and development of Romanticism will also be examined.

324 The Victorian Age

3 Hrs.

Consideration of the major themes and concerns of novelists, poets, and prose writers of the Age of Victoria; emphasis on works of Tennyson, Carlyle, and other important figures.

325 The Novel

3 Hrs.

Development of the novel as a literary form using selected works of English fiction from the 18th century to the present.

326 Modern British Literature

3 Hrs.

Examination of modern British literature from the turn of the century to the 1950's. Emphasis on the work of Joyce, Yeats, Shaw, and the Bloomsbury Group. Central themes and technical innovations in 20th century poetry, fiction, and drama will be explored.

327 Modern Drama

3 Hrs.

Study of world drama from the realism of
Ibsen through naturalism, expressionism, ar
symbolism to the current avant-garde theat

NOTE: Students may elect this course as
Dramatic Art and Speech 327.

328 Modern American and English Poe

3 Hrs.

Development of modern poetry from its po
Victorian beginnings to the present; empha
on Frost, Eliot, Yeats, and Stevens.

329 Identity Conflicts in Modern American Literature

3 Hrs.

Study of conflict between identity in a min
ity group and identity as an American.

331 American Literature to 1900

3 Hrs.

Study of the particular properties and the
major movements of American literature
seen in the works of the major writers to
1900.

332 American Literature Since 1900

3 Hrs.

Study of the particular properties and the
major movements of American literature
seen in the works of the major writers
since 1900.

333 Southern Literature

3 Hrs.

Study of the growth and development of
the literature of the American South. The
course will emphasize unique regional
qualities of subject, theme, and style.

334 Studies in Linguistics

3 Hrs.

Studies of the main tenets of structural
linguistics and transformational grammar
with some attention to the relation betwe
linguistic theories and older theories abou
language.

336 Tragedy

3 Hrs.

Explorations of various possibilities of
defining tragedy in terms of the protagon
a plot, an effect upon the audience, an
attitude towards life, or others.

NOTE: Students may elect this course as
Dramatic Art and Speech 336.

41 Spanish Literary Classics

Hrs.

mportant literary works from various peri-ds chosen for their importance and influence r reflection on world literature.

ll course work conducted in English.

OTE: Students may elect this course as panish 341.

42 French Literary Classics

Hrs.

onsideration of major literary works from rious periods chosen for their value as ntributions to world literature.

ll course work conducted in English.

OTE: Students may elect this course as ench 343.

45 Spanish Drama of the Golden Age

Hrs.

terary background of the Golden Age; ading and evaluation of drama.

l course work conducted in English.

TE: Students may elect this course as anish 423.

8 Cervantes

Hrs.

udy of works of Cervantes, with emphasis *Don Quixote* and the *Novelas Ejemplares.*

course work conducted in English.

TE: Students may elect this course as anish 448.

3 Special Studies in English Literature

3 rs.

ensive consideration of a single problem English literature. The topic for the course l vary from term to term and may range m a consideration of the work of a major ter to a study of a single genre or intel-ual movement.

y be taken twice with different subtitles.

3 Special Studies in American rature

3 rs.

nsive consideration of a single problem merican literature. The topic for the rse will vary from term to term and may ge from a consideration of the work of a or writer to a study of a single genre or llectual movement.

be taken twice with different subtitles.

354 Special Studies in World Literature

3 Hrs.

Intensive consideration of a single problem in world literature. The topic for the course will vary from term to term and may range from a consideration of the work of a major writer to a study of a single genre or intellectual movement. Primarily intended for short term courses.

May be taken twice with different subtitles.

355 Existential Philosophy in Literature

3 Hrs.

An examination of the themes and ideas of contemporary existential thought as they are embodied in the literary works of authors such as Dostoyevsky, Kafka, Malraux, Sartre, Beckett, Ionesco, and others. The course involves an analysis of such ideas as the nature and destiny of man, the problems of freedom and evil, the notions of alienation and isolation, the idea of the "death of God," and the ontological significance of death and anxiety.

NOTE: Students may elect this course as Philosophy 315.

357 Professional Internship in English

3 Hrs.

Practical experience in application of English skills in business, media, or other selected areas. May be repeated for not more than six hours. Only three hours credit applicable to English major. Open primarily to junior and senior majors. Permission of instructor required.

449 Directed Readings in Composition or Literature

1-3 Hrs.

Independent investigation of a topic in composition or literature through a program of directed readings; oral examination conducted by the course supervisor and other members of the department upon invitation. Open to advanced students by permission of the department.

450 Independent Study in Composition or Literature

2-4 Hrs.

Independent investigation of a topic in composition or literature resulting in a research paper which is evaluated by two members of the department. Open to advanced students by permission of the department.

460 Studies in Literature and Criticism

3 Hrs.

Student will read works of literature and interpret them in the light of modern critical theories. Readings will include critical essays and selected works by major authors.

Seminar for seniors only.

Dramatic Art and Speech

Students may major in English/Drama. Such a major provides the opportunity for concentrated work in dramatic literature and theatrical production. Electives may be chosen from the related fields of literature, dance, and music. This major will introduce the student to all phases of theatrical and dramatic theory and practice.

Requirements for the major: English 201; Dramatic Art 250, 303, 304, 315, 317 (minimum twice), and 352; 15 additional hours to be selected from English 313 (Shakespeare), Dramatic Art 327 (Modern Drama), 336 (Tragedy), 350 (Advanced Acting), 231 (Film History), 232 (Film Criticism), 450 (Directed Study), 475 (internship with off-campus theatre company or other practical project selected in consultation with adviser).
Total requirement: minimum 35 hours.

Minor

Students other than English majors are offered the option of declaring a minor in English/Drama. Twenty-one hours are required: English 201, Dramatic Art and Speech 317, plus nine hours from the following: Dramatic Art and Speech 103, 250, 303, 304, 315, and 352; plus six additional hours from English 313, Dramatic Art and Speech 231, 232, 336, 350, 450.

103 Voice and Diction

3 Hrs.

An analysis of each student's voice, articulation and pronunciation with the aim of identifying and correcting non-standard speech habits. Through use of the International Phonetic Alphabet and language laboratory equipment, concentration will be centered upon the perfection of vowels, diphthong and consonant sounds. Directed exercises will give the student practice in the improvement of voice and diction. Dialectical problems are analyzed and corrected.

231 History of Film

3 Hrs.

Introduction and historical analysis of the development of cinema; aesthetics and techniques, movements and genres, makers and performers. Film-viewing and optional film-making.

NOTE: Students may elect this course as Communications 231.

232 Film Criticism

3 Hrs.

Study of the nature of film as an art for
with detailed discussion of individual film
An analysis of the backgrounds of filmmaking with some actual use of film equipment.

NOTE: Students may elect this course as Communications 232.

250 Beginning Acting

3 Hrs.

Introduction to the basic principles of theatrical presentation from the viewpoin
of the actor; relating to self, environment
and other actors by way of exercises in relaxation, pantomime, improvisations, an
group work in selected scenes from play

303 Major Figures in World Drama: Ancient Greece to the Renaissance

3 Hrs.

Survey of dramatic literature from ancie
Greece to the Rennaissance, with empha
on the relationship of the plays to the p
cal circumstances of theatrical productio
and to the historical and cultural milieu
the period.

NOTE: Students may elect this course a
English 303.

304 Major Figures in World Drama: Renaissance to Modern

3 Hrs.

Survey of dramatic literature from the Renaissance to the time of Ibsen with e
phasis on the relationship of the plays t
the physical circumstances of theatrical
duction and to the historical and cultura
milieu of the period.

NOTE: Students may elect this course a
English 304.

315 Principles of Play Production

3 Hrs.

Introduction to principles of scene desig
painting, stage lighting, costume design
construction, and makeup for open stag
and proscenium stage.

317 Practicum in Play Production

1, 2, or 3 Hrs.

Opportunity for practical application of
principles of set construction, lighting, c

umes, makeup, publicity, or acting in the roduction of a play for round or prosce-ium stage.

rerequisite: Dramatic Art 315 or special ermission of the instructor. This course ay be repeated for credit up to six hours.

27 Modern Drama

Hrs.

tudy of world drama from the realism of sen through naturalism, expressionism, and mbolism to the current avant-garde theatre.

36 Tragedy

Hrs.

xplorations of various possibilities of efining tragedy; in terms of the protagonist, plot, an effect upon the audience, an atti-de towards life, or others.

0 Advanced Acting

Hrs.

ncentration on perfection of acting tech-que through an exploration of improvisa-nal techniques, voice and movement, semble methods and motivational analy-s in relation to specific characters within given play.

erequisite: Dramatic Art 250. This course ay be repeated for credit up to six hours.

2 Directing for the Theatre

Hrs.

roduction to the basic principles of eatrical production from the viewpoint of director; exploration of composition, turization, movement, rhythm, and panto-mic dramatization in the direction of a e-act play.

0 Directed Studies in Drama, Theatre d Speech

4 Hrs.

ependent investigation of an area in matic literature, theatre or speech. Open advanced students by permission of the partment.

5 Professional Internship in Drama

Hrs.

ctical experience in application of matics skills to off-campus theatre or to media or to some other project selected consultation with the adviser. May be eated for not more than six hours. Only ee hours credit applicable to English/ ma major. Open primarily to junior and ior majors.

Communications (Journalism and Non-Print Media)

This course of study provides the opportunity for investigation of the field of communications, with a view to careers in that area.

Minor

Communications 202, and Communications 203 or 204, and one other course at the 200 level (English 201 for non-majors) are required, plus 13 more hours in communications courses to include at least two courses at the 300 level and Communications 400.

A student in the communications minor is required to work for two years on the Queens *Current* and/or *Coronet* for a minimum of four credit hours or a maximum of eight credit hours.

The following courses are also recommended: Secretarial Practice 101, 102, or equivalent (a typing speed of a minimum of 40 words per minute); plus 12 hours chosen from the following courses: Economics 202; English 307, 332; History 204; Political Science 201; Psychology 201; Sociology 203; plus Dramatic Art and Speech 103, 250; Art 327, 340.

202 Introduction to Mass Communications

3 Hrs.

A historical survey of the mass media (newspapers, magazines, radio, television, motion pictures, etc.) including social, economic, political, and popular-culture dimensions. The course also includes a study of how the mass media are used for public relations and advertising and an analysis of news reporting in the mass media. A research paper will be required.

203 Writing for the Media

3 Hrs.

Study of writing methods for news, editorials, features, public relations, advertising and broadcasting. Includes extensive practice in writing by the student.

Prerequisite: Communications 202.

204 Introduction to News Writing and Editing

3 Hrs.

Study of newspaper methods and the techniques of news writing, with some emphasis on elementary problems of editing and make-up.

Prerequisite: Communications 202.

206 Audiovisual Communications

3 Hrs.

An introductory course in the utilization of audiovisual equipment and the production of audiovisual materials. The course includes a study of the application of media (video, photography, graphics, film, etc.) as a communications tool for making group presentations, conducting advertising/public relations campaigns, and producing news programs.

212-I Practicum in Communications

1 Hr.

Practical work in producing the college annual, *Coronet.*

212-II Practicum in Communications

1 Hr.

Practical work in producing the student newspaper, *Current;* includes weekly journalism laboratory with instructor.

231 History of Film

3 Hrs.

Introduction and historical analysis of the development of cinema; aesthetics and techniques, movements and genres, makers and performers. Film-viewing and optional film-making.

NOTE: Students may elect this course as Dramatic Art and Speech 231.

232 Film Criticism

3 Hrs.

Study of the nature of film as an art form, with detailed discussion of individual films. An analysis of the backgrounds of film-making with some actual use of film equipment.

NOTE: Students may elect this course as Dramatic Art and Speech 232.

300 Mass Media and Society

3 Hrs.

This course will examine the effects of mass media on American society, culture, and politics during the twentieth century. The student will be introduced to the findings of journalism, social psychology, sociology, and political science concerning the impact of the mass media on public opinion. The student will be expected to write at least one research paper.

Prerequisites: Communications 202, and 203 or 204; or permission of the instructor.

350 Independent Study in Communications

3 Hrs.

This course involves an independent invest gation of a period in the history of mass communications or of the influence of mas media on contemporary culture or of a to related to other particular facets of the stud of mass communications: for example, jou nalism, television, radio, magazines, advertising, or some aspect of American popula culture.

Prerequisites: Communications 202, and 203 or 204.

360 Topics in Communications

3 Hrs.

Intensive consideration of a single topic in communications. The topic for the course will vary from term to term and may rang from a consideration of the work of a sin individual to a study of a general moveme

May be taken twice with different subtitle

361 Topics in Journalism

3 Hrs.

Intensive consideration of a single topic in journalism. The topic for the course will va from term to term and may range from a consideration of the work of a single individual to a study of a general movement.

May be taken twice with different subtitle

400 Communications Professional Internship

3 Hrs.

This course involves a period of work-stu in some aspect of communications—a rad or television station, a newspaper office, a advertising agency, the editorial office of a magazine—as circumstances dictate. Each student will be evaluated by the supervisi agency and will write a personal evaluatio of the work experience. May be taken for up to nine hours of credit.

Prerequisite: Communications 202, and 203 or 204.

Foreign Languages and Literatures

Majors in French, Spanish, Latin-American Studies, and Business/Foreign Language a available in this department. Major work i any one of these areas provides the basis graduate study.

areers

areer opportunities involving language
cills include such areas as education, jour-
alism, broadcasting, research, library sci-
nce, translation, business, travel, health
ervices, and employment with the Federal
overnment. The acquisition of foreign lan-
uage skills in addition to other skills in-
eases career options. The special inter-
sciplinary Business/Foreign Language
ajor provides skills in both areas.

lacement

ollege Entrance Examination Board language
hievement test scores are used as a guide
r placement. At the time of registration,
tering students who have taken this test
ll be informed of their language options.
a student has not taken the CEEB foreign
nguage achievement test, she must take the
reign Language Department Placement
st if she is continuing the study of the
me language she has previously had. A stu-
nt must be properly placed in a language
urse before she is eligible for credit.

tudy Abroad

idents majoring in foreign languages will
encouraged to study abroad under the
spices and programs of approved institu-
ns. Foreign language study, when it occurs
part of such programs, must be approved
advance by the student's language adviser.
edit for such work will be granted only
on receipt of transcripts and/or the suc-
sful completion of a departmental
amination.

stributed Requirements

nch 101 may fulfill Distributed Require-
nts, Area II, only upon satisfactory com-
tion of French 102. French 201, 202, or
departmental literature course numbered
or above, excluding the directed read-
s courses, will also fulfill the requirement
Area II or in Area VI.

nish 101 may fulfill Distributed Require-
nts, Area II, only upon satisfactory com-
ion of Spanish 102. Spanish 201, 202, or
departmental literature course numbered
or above, excluding the directed read-
s courses, will also fulfill the requirement
Area II or in Area VI.

isiness/Foreign nguage Major

dents majoring in this interdisciplinary
gram will acquire business as well as
ign language skills.

Requirements for this program are given in the section entitled "Division of Interdisciplinary Studies."

French

Major

Thirty credit hours of French courses, as approved by the major adviser, are required. At least 18 credit hours are to be from courses numbered 300 and above, including French 315, 316, 460, and 472.

Minor

A minor consists of at least 18 hours of French courses, including French 321.

Policy

Unless otherwise stated, all 300- and 400-level courses are conducted in French.

Prerequisite

Prerequisites for courses 300 and above are French 201 and 202 or equivalent, or consent of the instructor. French 315, 316 or equivalent is prerequisite to all other courses in French literature.

101, 102 Elementary French

3 Hrs., 3 Hrs.

Presentation of the basic structure of the language; first term emphasis on the spoken language; second term, the use of the written language for communication and comprehension.

200 Directed Readings in French

1-3 Hrs.

Directed study of a topic requiring use of French language sources.

Admission by consent of the instructor.

201 Intermediate French

3 Hrs.

Study of the structure of the language; written and oral composition; reading of literary selections.

Prerequisite: French 102 or equivalent.

202 Intermediate French

3 Hrs.

Reading of literary selections and materials on civilization with discussions in French on works being read. Intensive work in the oral language.

Prerequisite: French 102 or equivalent.

300 Directed Readings in French

1-3 Hrs.

Directed study of a topic requiring use of French language sources.

Admission by consent of the instructor.

315, 316 Introduction to French Literature

3 Hrs., 3 Hrs.

Selections to be read are chosen from important authors of the various periods, studied for content and style, as a reflection of the period and as a phase in the development of the literature.

321 French Conversation

3 Hrs.

Oral training accompanied by regular practice in the language laboratory; oral reports and discussions assigned in advance.

322 Advanced French Conversation

3 Hrs.

Discussion and reports based on articles from newspapers and magazines published in French.

Prerequisite: French 321 or consent of the instructor.

343 French Literary Classics

3 Hrs.

Consideration of major literary works from various periods of French literature, chosen for their values as contribution to world literature.

Works to be read in the original, papers and tests to be written in French.

NOTE: Students may elect this course as English 343, with all course work conducted in English.

350 Professional Internship in French

1-2 Hrs.

Supervised experience in a situation where the language must be used. Admission by permission of the instructor.

399 Commercial French and Translating

3 Hrs.

The course will include the study of various types of letters, order forms, contracts, checks, receipts, bank drafts, and the translating and writing of various types of business letters.

400 Directed Readings in French

1-3 Hrs.

Directed study of a topic requiring the use of French language sources.

Admission by consent of the instructor.

425 Nineteenth-Century Literature: Romanticism

3 Hrs.

Study of the literary movements of the firs half of the century, with emphasis on rom ticism in works of prose, poetry, and dram

426 Nineteenth-Century Literature: Realism and Naturalism

3 Hrs.

Literary movement of the last half of the century; emphasis on the developments of realism and naturalism and the reaction to these.

435 Twentieth-Century Literature: Prose Writers

3 Hrs.

Novelists and essayists including Gide, Proust, Mauriac, Sartre, Simone de Beauvo Camus, also the new novel.

436 Twentieth-Century Literature: Drama and Poetry

3 Hrs.

Including works of Claudel, Giraudoux, Cocteau, Anouilh, Sartre; also Theatre of t Absurd; poetry of Valery, Appollinaire, and the surrealists.

442 Problems in Teaching Modern Language (French)

1 Hr.

Required for students in the secondary ed cation program, taken concurrently with Education 442; designed to give special attention to problems and techniques foun in the teaching of modern languages. One hour per week throughout the term.

451 French Grammar and Compositio

3 Hrs.

Oral and written translations and review grammar to increase the student's proficiency in the use of the language; conducte mainly in French.

460 Reading List and Comprehensive Examination

2 Hrs.

The reading list will consist of selections complete works in French literature. A comprehensive examination based on the reading list will be given at the end of the term.

Required of all graduating seniors in the department. To be taken (preferably) during the January Term of the junior year.

471 Research

1-3 Hrs.

A one-term research program in French preparatory to the senior thesis.

472 Senior Thesis

3-4 Hrs.

Study of a topic of special interest to the student. Presentation of the study, written in French, will be made and defended before a review committee.

Prerequisite: French 471.

Spanish

Major in Spanish

Thirty credit hours of Spanish courses are required, of which at least 18 credit hours are from Spanish courses numbered 300 and above, including 301, 302, 460, and 472.

Major in Latin-American Studies

Degree requirements for this interdisciplinary program are given in the section entitled "Division of Interdisciplinary Studies."

Minor in Spanish

At least 18 hours of courses in Spanish, including Spanish 321, are required.

Policy

Unless otherwise stated, all 300- and 400-level courses are conducted in Spanish.

Prerequisite

Prerequisites for courses 300 or above are Spanish 201 and 202 or their equivalent, or consent of the instructor.

101, 102 Elementary Spanish

3 Hrs., 3 Hrs.

Presentation of basic grammatical structure with emphasis on correct oral and written use of the language; introduction to the Hispanic civilization. Spanish 101 may fulfill Distributed Requirements, Area II, upon satisfactory completion of Spanish 102.

200 Directed Readings in Spanish

1-3 Hrs.

Directed study of a topic requiring use of Spanish language sources.

Admission by consent of the instructor.

201 Intermediate Spanish

3 Hrs.

Review and more advanced study of the language with emphasis placed on structure and the written expression of thoughts.

Prerequisite: Spanish 101, 102, or equivalent.

202 Intermediate Spanish

3 Hrs.

Review and more advanced study of the language with emphasis placed on oral use; introduction to the civilization of Spain.

Prerequisite: Spanish 101, 102, or equivalent.

300 Directed Readings in Spanish

1-3 Hrs.

Directed study of a topic requiring use of Spanish language sources.

Admission by consent of the instructor.

301, 302 Study of Hispanic Literature

3 Hrs., 3 Hrs.

Introduction to Spanish literature, its historical background, and important literary trends developed through reading and discussion of significant works.

321 Spanish Conversation

3 Hrs.

Advanced training in speaking, report making, and comprehension; continued stress on pronunciation, intonation, and on correct modes of expression. Introduction to literary concepts.

322 Advanced Spanish Conversation

3 Hrs.

Current socio-political problems of Latin America discussed through the works of Latin-American essayists and short story writers.

Prerequisite: Spanish 321 or consent of the instructor.

331, 332 Spanish-American Literature I and II

3 Hrs., 3 Hrs.

Chronological developments of Spanish-American literature; readings reflect history, culture, and social and literary trends.

Admission by consent of the instructor.

341 Spanish Literary Classics

3 Hrs.

Major literary works from various periods of Spanish literature chosen for their value as contributions to world literature. Works to be read in original, papers and tests to be written in Spanish.

NOTE: Students may elect this course as English 341, with all course work conducted in English.

399 Commercial Spanish and Translating

3 Hrs.

The course will include the study of various types of letters, order forms, contracts, checks, receipts, bank drafts, and the translating and writing of various types of business letters.

400 Directed Readings in Spanish

1-3 Hrs.

Directed study of a topic requiring the use of Spanish language sources.

Admission by consent of the instructor.

402 Contemporary Spanish Literature

3 Hrs.

Literature and ideas of 20th century from the "Generation of 1898" to the present; influence of history on the literature; stylistic analysis of works of the author studied.

Admission by permission of the instructor.

405 Professional Internship in Spanish

1-2 Hrs.

A supervised experience in a situation in which the language must be used.

423 Spanish Drama of the Golden Age

3 Hrs.

Literary background of the Golden Age; reading and evaluation of masterpieces of drama. Works to be read in the original; papers and tests to be written in Spanish; lectures on tape in Spanish.

NOTE: Students may elect this course as English 345 with all course work conducted in English.

Admission by consent of the instructor.

442 Problems in Teaching Modern Language (Spanish)

1 Hr.

Required for students in the secondary education program, taken concurrently with Education 442. Designed to give special attention to problems and techniques in teaching of modern languages. One hour a week throughout the term.

448 Cervantes

3 Hrs.

Study of works of Cervantes, with emphasis on *Don Quixote* and *Novelas Ejemplares.* Works to be read in the original; papers and tests to be written in Spanish.

Admission by consent of the instructor.

NOTE: Students may elect this course as English 348, with all course work conducted in English.

451 Advanced Grammar and Composition

3 Hrs.

A systematic review and a more advanced study of the grammatical structure of the language; an introduction into the evolution of Spanish; oral and written application of the principles studied to increase fluency.

460 Reading List and Comprehensive Examination

2 Hrs.

The reading list will consist of selections or complete works in Spanish and Spanish-American literatures. A comprehensive examination based on the reading list will be given at the end of the term.

Required of all graduating seniors in the department. To be taken (preferably) during the January Term of the junior year.

471 Research

1-3 Hrs.

A one-term research program in Spanish preparatory to the senior thesis.

472 Senior Thesis: Spanish

3-4 Hrs.

Study of a topic of special interest to the student. Presentation of the study, written in Spanish, will be made and defended before a review committee.

Prerequisite: Spanish 471.

475 Research

1-3 Hrs.

A one-term research program in Latin-American Studies preparatory to the senior thesis.

476 Senior Thesis: Latin-American

3-4 Hrs.

Study of Latin-American topic of special interest to the student. Presentation of the study, written in Spanish, will be made and defended before a review committee.

Prerequisite: Spanish 475.

History

History, drawing upon nearly all fields of knowledge, helps provide a deeper understanding and perspective of the forces which influence man and the world around him. It trains one in the skills of research, analysis, and written interpretation.

Careers

A concentration in history is an excellent general foundation for many occupations and interests. It is especially suitable for careers in government and foreign service, law and politics, public administration, journalism, and teaching. Preparation for careers in museums, archives, and historic sites is provided through the Museums, Archives, and Historic Sites Program (MAHS). Queens College is a member of the Institute of Applied History.

Major

Ten history courses, including History 101 and 102, 203 and 204, 300 and 490, are required; in addition, two 300-level courses, one in United States and one in an area outside the United States, are required. MAHS 475 may apply toward the ten history courses. History majors may substitute Humanities 211 and 212 for History 101, and Humanities 213 and 214 for History 102, in which case or cases the total number of required courses would be either 11 or 12 instead of 10. Students should consult with faculty advisers to work out a program tailored to individual career objectives.

Students pursuing the major in Museums, Archives, and Historic Sites will need to follow the requirements listed under that program.

Minor

Six history courses including three courses to be selected from History 101, 102, 203, and 204 are required; in addition, two 300-level courses, one in United States and one in an area outside the United States, are required. History 490 or History 300 is recommended as part of the remaining six hours. History minors may substitute Humanities 211 and 212 for History 101, and Humanities 213 and 214 for History 102, in which case or cases the total number of courses would be either 7 or 8 instead of 6.

Exemption and Placement

Advanced placement through departmental examinations will allow students to be exempt from specific course requirements.

Honors in History

Majors with outstanding abilities will be invited by the department to participate in a program of special study which, if successfully, completed, will result in graduation with Honors in History.

Distributed Requirements

The requirement, Area III, is met by History 101, 102, 203, 204, or by taking two semesters of the sequence of Humanities courses 211, 212, 213, and 214.

Prerequisites

Dependent upon the courses and noted in descriptions, History 101 (or Humanities 211 and 212) or 102 (or Humanities 213 and 214), 203 or 204 are required except with permission of the instructor.

101 World Civilization to 1650

3 Hrs.

A survey of the history of civilization from the ancient world to the European crises of the seventeenth century, with emphasis upon the political, social, and intellectual development of Western civilization.

102 World Civilization Since 1650

3 Hrs.

A survey of the history of civilization from the end of the religious wars and the emergence of the great European powers to the crises of the twentieth century and nuclear age, with emphasis generally upon the political, social, and intellectual development of Western civilization.

203 The United States to 1877

3 Hrs.

Rise of an American tradition; establishment of a nation; economic and social developments; expansion and sectional controversy; war and reconstruction.

204 The United States Since 1877

3 Hrs.

Settling the West; the triumph of business; reform movements and foreign affairs; the New Deal era; the Cold War era.

300 Research in Local and Family History

3 Hrs.

Course designed to provide training and practice in genealogical and historical research with emphasis in working with such materials as court records, deeds, wills, and census returns. There will be written and oral presentations of findings.

NOTE: Students may elect this course as MAHS 300.

301 English History to 1688

3 Hrs.

A survey of English history from the Roman conquest to the Glorious Revolution, with emphasis on the Tudor and Stuart periods.

Prerequisite: History 101 (or Humanities 211 and 212) or permission of the instructor.

302 English History Since 1688

3 Hrs.

The age of aristocracy and the first empire; the struggle against revolutionary and Napoleonic France; the era of reform and high tide of imperialism; the democratic age and the storms of war.

Prerequisite: History 102 (or Humanities 213 and 214) or permission of the instructor.

315 Folklore and Oral History

3 Hrs.

Examination of ways in which cultures were preserved in the past (folklore, work and protest songs, handicrafts, etc.) and the study of and practice in the methodology of gathering and preserving historical information in oral form.

NOTE: Students may elect this course as MAHS 315.

317 History of Russia

3 Hrs.

Cultural heritage of Kievan Russia; Muscovy and the origins of the autocratic state; St. Petersburg, imperial capital and cradle of revolution; the new Leninist autocracy and the emergence of the USSR as a world power.

Prerequisite: History 101 or 102 or permission of the instructor.

325 American Foreign Policy

3 Hrs.

Major themes in the history of American diplomacy to 1945 with emphasis on their applications, modification, and development in relation to America's increased responsibilities as a world power.

Prerequisite: History 203 or 204 or permission of the instructor.

NOTE: Students may elect this course as Political Science 325.

361 Ideas and Values in Conflict in History

3 Hrs.

A study of decisive intellectual and moral conflicts involving individualism, humanism, obscurantism, fundamentalism, racism, nationalism, totalitarianism, socialism, Nazism, Communism, materialism, and fanaticism.

376 The Lives and Times of Eminent Victorians

3 Hrs.

A study concentrating on the political, social, intellectual, and cultural currents and developments in Victorian England.

387 Europe in the Nineteenth Century

3 Hrs.

A course of readings on major historical developments in Europe from the Napoleonic era to the First World War.

Prerequisite: History 102 (or Humanities 214) or permission of the instructor.

388 Europe in the Twentieth Century

3 Hrs.

A course of readings on the major historical developments in Europe from the First World War to the Cold War.

Prerequisite: History 102 (or Humanities 214) or permission of the instructor.

389 Topics in United States History

3 Hrs.

Topics are announced annually.

Prerequisite: History 203 or 204 or permission of the instructor.

391 Topics in World History

3 Hrs.

Topics announced annually.

Prerequisite: History 101 or 102 or permission of the instructor.

392 American Women: Leaders and Movements

3 Hrs.

Review of the role of women in the history of American society and politics.

Prerequisite: History 203 or 204 or permission of the instructor.

393 Main Currents in Southern History

3 Hrs.

Emphasis is on the economic, cultural, and intellectual forces that have shaped the thinking and actions of the South.

Prerequisite: History 203 or 204 or permission of the instructor.

394 The Black Minority in American Society

3 Hrs.

A socio-historical study of minority group relations emphasizing key periods and issues in the history of the Afro-American—the problems faced, the response made, and the consequences and significance of this heritage for both blacks and whites.

NOTE: Students may elect this as Sociology 394.

396 Urban History

3 Hrs.

Study of the growth, development, and changing character of major cities in the United States from colonial days to the present. Emphasis placed on the city's impact on the thought and life of the nation.

Prerequisite: History 203 or 204 or permission of the instructor.

397 The United States: 1917 to 1945

3 Hrs.

The domestic history of the United States from 1917 to 1945; stress placed on diverse cultural and intellectual developments with special attention to the strain of social change and the subsequent responses of the institutions and movements.

Prerequisites: History 204 or permission of the instructor.

398 Decades of Hope and Despair: The United States in the 1950s and 1960s

3 Hrs.

The domestic history of the United States during the post World War II years, stress placed on the 1950s and 1960s and the intellectual, cultural, and social ferment of that period.

Prerequisite: History 204 or 397 or permission of the instructor.

449 Directed Readings in History

3 Hrs.

Independent investigation of a topic through a program of directed readings. There will be an interpretive paper and oral examination conducted by department members.

Open to majors with a B average in history after departmental approval of the topic.

450 Independent Study in History

3 Hrs.

Independent investigation of a topic through the writing of a research paper, oral examination conducted by department members.

Open to majors with a B average in history after departmental approval of the topic or project.

475 Professional Internship in History

1-4 Hrs.

Designed to enable students to receive training in law and politics, public administration, government and foreign service, or other such career opportunities for which history provides a background.

Grading is Pass/No Record.

Open only to junior and senior majors with the permission of the department.

To count toward the history major at least 3 credit hours must be taken.

490 Senior Seminar

3 Hrs.

Colloquium for history majors who meet for discussions, lectures, and presentations of papers.

Program in Museums, Archives, and Historic Sites

This program is designed to provide a foundation for careers in museums, preservation, historic sites, archival research, records management, and historical archaeology. It requires an internship with a participating museum, archives, historic site or agency. The program is affiliated with the Institute of Applied History, making students eligible for internships with the Division of Archives and History in Raleigh.

Major

Thirty-three credit hours required from History 203, 204, and six hours from approved history courses (see below); MAHS 150, 277, 300, 475; and at least nine hours from a list of electives approved by the MAHS director. Some of these electives are MAHS 315, 349, 378, 379, 450; Art 307, 308, 327; Communications 203, 206; Education 310; History 101 (or Humanities 211, 212), 102 (or Humanities 213, 214), 392, 393, 394, 396; Media Education 302; and Sociology 313. Substitutions where applicable may be made with the approval of the MAHS director.

Minor

Twenty-one credit hours required from History 203, 204; MAHS 150, 277, 475; and six hours from a list of electives approved by the MAHS director. History majors must substitute six additional approved electives in the place of History 203, 204. Some of these electives are MAHS 315, 349, 378, 379, 450; Art 307, 308, 327; Communications 203, 206; Education 310; History 392, 393, 394, 396; Media Education 302; and Sociology 313. Substitutions where applicable may be made with the approval of the MAHS director.

150 Museology

3 Hrs.

Introduction to the nature of museum operations with emphasis on collections, registrar's function, conservation, research and interpretation, exhibition, educational programs, and public relations.

277 Historic Site Interpretation

3 Hrs.

A seminar exploring problems in the presentation and interpretation of historic dwellings and sites. The Hezekiah Alexander House and other historic preservations, restorations, and sites in the area will be utilized as laboratories for the seminar. Taught by the Curator of the Charlotte Museum of History.

300 Research in Local and Family History

3 Hrs.

Course designed to provide training and practice in genealogical and historical research with emphasis in working with such materials as court records, deeds, wills, and census returns. There will be written and oral presentation of findings.

NOTE: Students may elect this course as History 300.

315 Folklore and Oral History

3 Hrs.

Examination of ways in which cultures were preserved in the past (folklore, work and protest songs, handicrafts, etc.) and the study of and practice in the methodology of gathering and preserving historical information in oral form.

NOTE: Students may elect this course as History 315.

349 Directed Readings in Museums, Archives, and Historic Sites

3 Hrs.

A concentrated program of readings in the museum, historic site, preservation, or archival field in preparation for the MAHS practicum. An interpretive paper and oral examination is required.

378 Historic Site Archaeology

3 Hrs.

A study of the philosophy and methods of historic site archaeology. The course will examine artifact analysis, types of sites, stratigraphy, dating techniques, site interpretation, and other archaeology skills necessary to excavate sites.

379 Archaeology Field School

3 Hrs.

The practical application of the methods and techniques of historic site archaeology. The "dig" will be carried out under the direction of a professional archaeologist at historic Latta Place, a nearby historic site. Grading is Pass/No Record.

450 Independent Study in Museums, Archives, and Historic Sites

3 Hrs.

An independent project making use of principles and methods employed in the museum, archival, historic site, or preservation field. Open to majors with a B average after departmental approval of the project.

475 Professional Internship: Museums, Archives, and Historic Sites

1-4 Hrs.

Designed to enable students to receive

training in archives, museum work, restoration sites, historical agencies, or other such career opportunities. Grading is Pass/No Record. Open only to juniors and seniors with permission of the department. May be taken twice in different areas.

Philosophy

Students in the department are trained to look upon life critically and sensitively through the process of reflective thinking. Philosophy touches many areas of the liberal arts; hence, its program is conceived broadly to provide links with the various elements of the general education program.

Careers

Study may lead primarily to graduate work; however, it also provides a broad liberal arts background applicable to a number of related practical fields such as literature and religion.

Philosophy Minor

Eighteen hours are required for the minor in philosophy. The student is required to take either Philosophy 203 or 207 and 205. At least nine hours must be at the 300 level.

Prerequisite

Philosophy 203 or 207 is a prerequisite for taking any 300-level or above philosophy course.

Distributed Requirements

The requirement in philosophy, Area III, is fulfilled by any course at the 200 level, or by taking two semesters of the sequence of Humanities courses 211, 212, 213, and 214.

203 Introduction to Philosophy

3 Hrs.

Introductory study of the perennial questions of philosophy and the various methods by which philosophy has tried to answer them.

204 Philosophy of Religion

3 Hrs.

Introductory study of some of the major areas of concern related to religious experience and values; development of a critical understanding of the nature of religion and such beliefs as God, freedom, evil, and the nature of man; and the relationship of religion to other human values.

205 Elementary Logic

3 Hrs.

A study of deductive logic in its development from traditional Aristotelian logic to contemporary symbolic logic. Emphasis on learning valid reasoning procedures, the fallacies of language, and problem solving using the terms of symbolic logic. Methods and fallacies of scientific method and inductive reasoning also discussed.

207 Ethics

3 Hrs.

Study of the theories and writers in moral philosophy; practical questions considered in the context of major questions of good, duty, and right; consideration of problems in social ethics; and the critical analysis of contemporary moral problems.

301 History of Western Philosophy: Part I—Ancient Through Medieval

3 Hrs.

An historical treatment of the problems of philosophy with a focus on ideas that have shaped the course of Western thought. The development of these ideas will be traced in the writings of great philosophers, ending with the maturity of Medieval philosophy in the works of St. Thomas Aquinas in the 13th century.

302 History of Western Philosophy: Part II—Renaissance Through Modern

3 Hrs.

Continuation of Philosophy 301. This course begins with William of Ockham and the *via moderna* and continues through Kant and Hegel in the 18th century, examining the ideas that have shaped the philosophy of modern Western cultures.

303 Contemporary Philosophy

3 Hrs.

Problems of philosophy in their modern setting; development of ideas that have shaped Western thought analyzed in the writings of some of the influential modern philosophers.

Prerequisite: Three credit hours chosen from Philosophy 203 or 301.

311 Existentialism and Phenomenology

3 Hrs.

Study of selected major works in the development of both Existentialism and Phenomenology with concentration upon such men as Kierkegaard, Sartre, Heidegger, Husserl, and Merleau-Ponty.

312 Plato and Aristotle

3 Hrs.

Study of the major writings of Plato and Aristotle.

313 Great Philosophies and Philosophers

Study of major movements and periods of philosophy through concentration on specific authors and traditions.

Subtitles indicate the specific philosophers or areas to be studied; may be taken more than once with different subtitles.

Prerequisite: Philosophy 203 or 301, or permission of the instructor.

314 American Philosophy

3 Hrs.

Study of main philosophers and philosophies that have shaped American thought.

315 Existential Philosophy in Literature

3 Hrs.

An examination of the themes and ideas of contemporary existential thought as they are embodied in the literary works of authors such as Dostoyevsky, Kafka, Gide, Malraux, Sartre, Beckett, Ionesco, and others. The course involves an analysis of such ideas as the nature and destiny of man, the problems of freedom and evil, the notions of alienation and isolation, the idea of the "death of God" and the ontological significance of death and anxiety.

NOTE: Students may elect this course as English 355.

336 Political Theory I

3 Hrs.

Political thought from classical Greece to Hobbes; examination of the content of political thought and its sources in and impact upon society during the ancient, medieval, and renaissance periods.

NOTE: Students may elect this course as Political Science 336.

337 Political Theory II

3 Hrs.

Political thought from Hobbes to the Twentieth Century; examination of the content of political thought and its sources in and impact upon society from the Seventeenth Century to the Twentieth Century.

NOTE: Students may elect this course as Political Science 337.

350 Directed Studies in Philosophy

1-3 Hrs.

Faculty supervised study of an approved topic in philosophy through selected reading To be evaluated through a weekly meeting with the instructor and a comprehensive paper. May be repeated for credit.

425 Seminar in Philosophy

3 Hrs.

Study of topics of special interest, such as Chinese philosophy, philosophy of science, and Indian philosophy.

Prerequisite: Previous work in philosophy or senior standing.

450 Independent Studies in Philosophy

3 Hrs.

Independent investigation of a topic by means of a thesis or a program of directed readings.

Admission by permission of the instructor.

Religion

College study in religion should increase a student's awareness of the scope and variet of the ways human beings seek meaning in life. Courses in this department can aid the student in grasping what any religious heritage means and in evaluating the religious choices which persons and societies continually make.

Careers

Training and perspective gained in this field can enhance any vocation. The student planning graduate work in religion, or intending to enter a church-related profession, may support another major by electives in the Religion Department.

For information on the Queens-Presbyterian School of Christian Education Dual Degree Program, see page 37.

Religion Minor

Religion 103, 205, 206, and three more courses from among the following: Religion 303, 304, 309, 311; Philosophy 203, 207.

Distributed Requirements

The Distributed Requirement in religion, Area III, is fulfilled by any religion course at the 100 or 200 level, or by taking two semesters of the sequence of Humanities courses 211, 212, 213, and 214.

103 Introduction to the Study of Religion

3 hrs.

Development of awareness of the nature of religion, of some basic religious issues, and of methods for studying religion, through the reading of selected works.

205 The Old Testament

3 Hrs.

Introduction to the nature of the biblical writings and to methods of Bible study. The history, literature, and faith of the people of Israel as seen in the Old Testament.

206 The New Testament

3 Hrs.

The history, literature, and faith of the early Christian community as seen in the New Testament.

Students intending to take six hours in the Bible should enroll in 205 prior to 206.

03 World Religions I: The Orient

Hrs.

listorical survey of Asian cultures and the
ystems of thought and practice that have
nade lasting impressions on the Orient;
tudy of some of the major persons and
novements that have influenced the devel-
pment of Oriental religions.

04 World Religions II: Near East nd West

Hrs.

nterpretive study, both historical and
ontemporary, of Judaism, Islam, and other
eligions which have shaped the develop-
ent of Western culture and history.

06 Prophetic Religion

Hrs.

he prophetic movement in Israel; context
nd message of major Hebrew prophets and
elected minor figures; significance of the
rophetic style within present-day society.

rerequisite: Religion 205 or permission of
e instructor.

9 The Writings of Paul

Hrs.

ul's life, letters, and teachings in the con-
xt of first century Judaism and Hellenism.

erequisite: Religion 206 or permission of
e instructor.

311 Jesus in the Gospels and in Present-Day Thought

3 Hrs.

An endeavor to understand and interpret the life and person of Jesus, by study of the records concerning Jesus in the four gospels, Christological material in other New Testament books, and a cross section of present-day thinking on the significance of Jesus.

Prerequisite: Religion 206 or permission of the instructor.

315 Christianity as an Historical Movement

3 Hrs.

Study of Christian life and thought in their interaction with changing cultural contexts, from origins through the 16th century; work with primary texts and with a variety of major Christian figures; the theological question of the meaning of history.

Recommended: Some prior work in ancient or European history and in biblical study.

317 Religion in America

3 Hrs.

Historical analysis of American leaders and movements in religion, with special attention to continuing social and theological problems.

320 Contemporary Views of Man

3 Hrs.

Divergent ways—Christian and other—in which human nature is currently interpreted; ethical and religious dimensions of the various views.

323 Religion in Contemporary American Society

3 Hrs.

Introduction to recent developments and discussions relating to religious communities, illuminating the religious situation in America; critical study of traditional forms and of newer movements. Study is composite, drawing from sociology of religion, social ethics, history, and theology.

344 Christian Ethics

3 Hrs.

Historical and systematic examination of the issues in Christian ethical thought and of the problems of Christian norms for action, with special attention to major contemporary Christian theorists.

Recommended: A course in New Testament.

345 Modern Christianity

3 Hrs.

Intensive study of some of the persons, events, and controversies shaping theology in the 20th century—for example, through readings in Kierkegaard, Buber, Barth, the Niebuhrs, Bonhoeffer, Teilhard. Brief survey from the 16th to the 19th century to trace the main trends leading into the present.

349 Topics in Religion

1-3 Hrs.

Concentrated study of a particular person or issue in the field of religion. Topics as proposed will be chosen by the department and approved by Educational Programs and Curriculum Committee to supplement regular offerings and to cover specialized problems. Course may be repeated for credit with different subtitles, but does not satisfy Distributed Requirements.

350 Directed Readings

1-3 Hrs.

Faculty-supervised reading of a department approved bibliography; results to be reviewe at a weekly tutorial, concluding oral review by department. May be repeated for credit.

449, 450 Independent Study in Religio

Any two successive terms—1, 2, or 3 Hrs

A project of directed readings or research in the field of religion. In 449 the problem formulated and the work planned; in 450 t student executes the project. Written repor and oral examination by the department.

Prerequisite: Nine hours in religion, and permission of the department; 449 is prerequisite to 450.

Division of Interdisciplinary Studies

American Studies

merican Studies is an interdisciplinary
najor program which allows students to
hoose, from a number of major areas,
ourses dealing with American life and
ulture, and to pursue an analysis of speci-
ic areas of American civilization through a
enior seminar and independent study
rojects.

concentration in American Studies en-
ourages students to examine the forces
haping America's civilization, and to inte-
rate a number of academic areas in order
analyze and evaluate the American
xperience.

areers

n American Studies major should grasp
ie facts of American culture and intellectual
istory so that she may integrate the know-
dge and research technology from a variety
disciplines into a coherent whole.
hrough an emphasis in economics or poli-
cal science a career in public administra-
on, foreign service, or law is possible.
hrough coordinated study of art, arch-
ology, and history combined with intern-
ips or a practicum, a position in historic
eservation is possible; with course work
d internships in journalism, a career in
wspaper writing may result. Graduate
aining in American Studies is available at
increasing number of universities, with
urses being offered in conjunction with
raries, museums, or foundations. Through
nsultation with the Education Department,
cial studies or English certification is pos-
ble at both intermediate and secondary
vels.

ajor

least nine hours in American history, in-
iding 203 and 204; English 331, 332; plus
hours at the 300 level in courses with an
nerican emphasis (as listed below) to be
osen in consultation with an American
idies adviser. In addition, American
idies majors are required to take Ameri-
n Studies 200, 400, and 450.

Minor

At least 18 hours in courses with an American emphasis in addition to American Studies 200, 400, and American Studies Senior Thesis.

Electives

American Studies majors may elect their major program from among the following courses: Art 307; Business 100; Economics 351; English 328, 329, 333, 352; History 325, 389, 392, 393, 394, 396, 397, 398; Music 207; Philosophy 314; Religion 317, 323; Political Science 201, 308, 310, 313, 315, 325, 326; Sociology 325, 340.

200 The American Experience

3 Hrs.

The course will explore significant interrelationships among politics, economics, literature, the arts and religion at selected moments of American history. An interdisciplinary course, it will serve as an introduction to studies in American culture.

400 Senior Seminar in American Studies

3 Hrs.

Colloquium for American Studies majors who meet for papers, reports, and lectures to synthesize insights about American society.

450 American Studies Senior Thesis

3 Hrs.

Opportunity for independent investigation of a theme or project to culminate in a written report. (Open to American Studies majors only.)

American Art/ Museum Studies

The Department of Art, in conjunction with the Program in Museums, Archives, and Historic Sites, offers the Bachelor of Arts degree in Art with a concentration in American Art/Museum Studies. For listing of the requirements, see page 00; for further information, contact the MAHS director or the Art Department.

European Studies

Major in European Studies

The major in European Studies is an interdisciplinary program which offers students a comprehensive knowledge of European civilization and enables graduates to consider business and diplomatic careers in Europe.

The program consists of four parts:

1. At least 39 credit hours in one of several concentrations dealing with Europe.
2. A senior seminar which is included in the 39 credit hours.
3. Electives relating to Europe.
4. Residency in Europe.

Optional Concentrations

A student majoring in European Studies must select one of five areas for concentration; residency in Europe is required with each.

Economics/Business

Eighteen hours of economics and business courses including Business 320, 352, 400 and Economics 405; History 102, 387, 388; Political Science 301, 323; a 321 conversation course in a foreign language; European Studies 470.

French

Eighteen hours of French courses including 321, 343, 435; History 102, 387, 388; Political Science 301, 323; Economics 405; European Studies 470.

History

Eighteen hours of courses in history including 101 and 102 and any four courses selected from 301, 302, 317, 387, 388, 391 or 449 (a reading course with either a country or historical period); Political Science 301, 303, 323; Economics 405; a 321 conversation course and a literature course in a foreign language; European Studies 470.

Political Science

Eighteen hours of political science courses including 206, 301 and four courses from 303, 323, 324, 326, 336, 337, 350 or 450; History 102, 387, 388; Economics 405; a 321 conversation course and a 400 directed reading course in a foreign language; European Studies 470.

Spanish

Eighteen hours of Spanish courses including 321, 341, 402, 451; History 102, 387, 388; Political Science 206, 301 or 323; Economics 405; European Studies 470.

Electives

Students should choose electives in art an music from Art 111, 112, 328, and 329; and Music 308 and 407. Electives from other d partments which support the major include English 217 and any European literature course; Philosophy 301, 302, 303; Psycholo 303; Religion 304, 315, 345; and Sociology 313, 316.

European Residency

A student majoring in European Studies mu fulfill a residence requirement in Europe.

The foreign studies adviser assists majors in planning a European residence and mus approve all proposed residency programs, which should be scheduled during Term II of the junior year, the summer following t junior year, or Term I of the senior year. Th foreign studies adviser and the student's academic adviser will consult with the student during the residency and will determi the academic credit to be transferred or awarded for it when the student returns.

A student must fulfill the European residen requirement by participating in the Experiment in International Living, a program of the Association of United Colleges for Foreign Exchange and Study by attending a European educational institution, or by enrolling in an American sponsored academi program which does not isolate United Stat participants from other students. Credits earned through these programs and approved by the committee may be transferred to Queens College.

As an alternative, a student may register for European Studies 370: Residency in Europe.

370 Residency in Europe

An informal program of settled residency Europe, planned by the student and offeri as many as 12 credit hours on a P/NR ba s. Credit may be granted for simple domicile with journal at one credit hour per month or two credit hours per month if student employed.

This course may not be taken concurrentl with any international program for which credit may transfer to Queens.

470 Seminar on Europe (Senior Semina

3 Hrs.

An on-campus course required of all students majoring in European Studies; taken during senior year. Students engage in ind pendent study on an approved subject, pa ticipate in group discussions on selected topics, and meet with specialists in variou branches of European Studies.

Latin-American Studies

Major in Latin-American Studies

equirements for a Bachelor of Arts degree with a major in Latin-American Studies include Spanish 301, 302, 322, 431, 432, and 476; and nine hours of courses 300 level or bove in economics, history, political science, and sociology, as approved by the major dviser.

Minor in Latin-American Studies

equirements for the minor include at least 8 hours of courses in Spanish, including panish 321, 431, and 432.

Business/Foreign Language Major

tudents majoring in this interdisciplinary rogram will acquire business as well as oreign language skills.
he 15 hours of business courses required r this major include Economics 201 or 202, usiness 207 and 310.

ptional courses suggested are Economics 51 and Psychology 303.

he foreign language component of the ajor would be French and/or Spanish.

nder the option for one language, the udent will select fifteen hours of the language, including 321, 399, and 451. With the ption for two languages, the student will omplete nine hours of one language, including 321, 399, and 451, and six hours of the econd language, including 321 and 399.

Honors Program

he Queens College Honors Program is degned for the academically talented student provide her with as high a degree of freeom and individual challenge as possible.

ach year all students enrolled for a minimum of 12 hours and maintaining a cumulative grade point average of 3.000 or higher e designated "Eligible for Honors." These udents are permitted and encouraged to rticipate in the Honors Program. Students ith grades of Incomplete are ineligible for onors unless granted special permission by e Honors Committee. Transfer students ust spend one regular term at Queens before becoming eligible for honors.

Graduation with Honors

The titles *summa cum laude*, *magna cum laude*, and *cum laude* are awarded by the college upon the recommendation of the Honors Committee and approval of the faculty. The title *summa cum laude* is awarded to students who have a grade point average of 3.850, and to students who have successfully completed an Honors Thesis and have a grade point average of 3.750; the title *magna cum laude* to students who have a grade point average of 3.650; and the title *cum laude* to students who have a grade point average of 3.500. A student must have completed at least half the required hours for graduation at Queens College to be eligible for graduation with honors. Her grade point average will be determined by work taken at Queens.

In-Course Honors

1 Hr.

199—Open to students in 100-level courses.
299—Open to students in 200-level courses.
399—Open to students in 300-level courses.
499—Open to students in 400-level courses.

An opportunity for the student to pursue additional work in a course in which she is enrolled. May consist of special readings, a term paper, or presentation; but need not be restricted to these. Each of the above courses may be taken more than once for credit.

Honors 250 Directed Readings

1 to 3 Hrs.

Open to second semester freshmen, sophomores, juniors, and seniors. An opportunity to explore related writings in a field of special interest to the students; readings under supervision of a faculty member. No paper is required. May be taken more than once for credit.

Honors 300 Honors Colloquium

3 Hrs.

Open to sophomores and juniors. Opportunity for discussion, reading, analysis and research on a contemporary topic. Topic to be announced during Term I.

Honors 350 Directed Study

1 to 4 Hrs.

Open to juniors and seniors. A detailed study of some topic of special interest, resulting in a paper and oral examination. Work is done under the direction of a faculty member and with the joint supervision and evaluation of the Honors Committee. May be repeated only once for credit.

Honors 450 Honors Research

1 to 4 Hrs.

Open to juniors and seniors. An opportunity for research in a field of student's special interest, resulting in a paper and oral examination. Work done under the direction of a faculty member with the joint supervision and evaluation of the Honors Committee. Detailed proposal for research is submitted to the Honors Committee for approval by the end of the term preceding the project. May be taken more than once for credit.

Honors 490-491 Senior Honors Thesis

4 to 6 Hrs.

Open to seniors who have completed five hours of honors work with no more than four hours taken from In-Course Honors. An opportunity for extended research in a field of special interest, resulting in a paper and oral defense before an examining committee comprised of the Honors Committee and faculty members chosen jointly by the student and her thesis adviser. Detailed proposal for research is submitted to the Honors Committee for approval by the end of the term preceding the project. The phrase "With Honors Thesis" is printed on the diploma of a student who successfully completes these two courses.

Contemporary Issues

200 Interdisciplinary Studies

3 Hrs.

An interdisciplinary course in a major contemporary issue, offered in response to student and faculty interest. Credit as elective only.

Internship

205 Exploratory Internship

1, 2, 3 Hrs.

The purpose of the internship is to provide students with the opportunity to explore various career options through first hand experiences in job settings. Students will be supervised by persons actually employed in the given areas as well as by a faculty member. The grading is Pass/No Record. The course may be repeated for a total of six hours credit. Guidelines are available in office of Dean of the College of Arts and Sciences.

Prerequisite: Degree candidate status with successful completion of 12 credit hours at Queens College. Permission of faculty member in area of interest.

Senior Thesis

450 Interdisciplinary Senior Thesis

3 Hrs.

Designed primarily for students who are engaged in interdisciplinary study at the advanced level. The project is supervised and evaluated by the student's major adviser an at least one person from another department. Open only to seniors. Students pursuing an honors degree should plan to take Honors 490 instead of Interdisciplinary Thesis 450.

Division of Natural Science and Mathematics

ack H. Fehon, *Chairman*
ana Professor of Biology

ichard N. Ault
ssistant Professor of Mathematics and
omputer Science

lorapearl Cobey
ssistant Professor of Chemistry

ordon D. Duncan
djunct Professor of Chemistry
nd Nuclear Medical Technology

arrien Michael Floyd
ecturer in Nuclear Medical Technology

lenda Helms
ecturer in Biology

ebecca C. Jann
ssistant Professor of Biology

irginia L. Martin
rofessor of Biology

artha C. McCormick
ssistant Professor of Mathematics
d Computer Science

im-Elizabeth McGinn
cturer in Chemistry

ffrey A. Nystrom
ssistant Professor of Chemistry

mmie C. Oates
rofessor of Physics

aria S. Terrell
ssistant Professor of Mathematics

iology

serve the needs of the liberal arts student
e department offers introductory work in
ology with a contemporary molecular em-
asis relating the field to the physical
iences and other disciplines.

areers

ajor study in biology provides basic prep-
ation leading to work in research and med-
al laboratories, government positions, re-
ed businesses, teaching, and graduate
dy in biology, medicine, hospital admin-
ration or veterinary science.

unique program in marine science is offered each summer at Pawleys Island, South Carolina.

Biology Internship

Students may gain practical experience in various fields of biology science during their junior or senior year. Details of this program may be obtained from the department chairman.

Bachelor of Arts

Requirements for the degree: Biology 103, 104, 106, 402, 402L, 499, and 22 credit hours from biology courses numbered 200 and above as approved by the major adviser. Students majoring in biology are required to take Chemistry 111 and 112, and 2 courses from Mathematics 101, 104, 113, 114, or 206. Chemistry 404 may be substituted for biology electives. Candidates for teaching certificates may substitute up to four credit hours of Education 442 for biology electives. Students majoring in biology are advised to take physics and organic chemistry.

Bachelor of Science

Requirements for the degree: Biology 103, 104, 106, 402, 402L, 499, and three courses from 201, 210, 301, 302, 310, 405, 425; two courses from 207, 300, 315, 401, 402; and six hours of biology courses numbered 200 and above as approved by the major adviser. Students majoring in this program are required to take Chemistry 111, 112, 303, 304; Physics 101, 102; Mathematics 113 and 114 or 206. In addition, successful completion of one course of foreign language at the intermediate level is required, that is, completion of 201 or 202.

Minor

A minor in biology consists of Biology 103, 104, 106 and eight hours of approved biology electives.

Distributed Requirements

The requirement for Area IV is met with Biology 103, 104, or 106.

Prerequisite

Biology 103 is prerequisite to all courses numbered 200 and above.

103 Principles of Biology

4 Hrs.

An introduction to the principles underlying the activities of living organisms; origin of life; molecular biology; cell structure and function; heredity; laboratory emphasizes the scientific method.

Three hours lecture and three hours laboratory a week.

Prerequisite: High school chemistry or Chemistry 101 or 111.

104 Plant Biology

4 Hrs.

Morphological survey of the plant kingdom; study of life cycles emphasizing evolutionary changes; consideration of economic aspects.

Three hours lecture and three hours laboratory a week.

No prerequisite.

106 Animal Biology

4 Hrs.

Survey of the animal kingdom; study of the organization and activities of animals with emphasis on man; and evolution of animal life.

Three hours lecture and three hours laboratory a week.

No prerequisite.

111 Human Anatomy

3 Hrs.

A study of the structure of the human body.

111-L Human Anatomy Laboratory

1 Hr.

Study of human osteology; dissection of the cat and other animals.

(111 and 111-L may not be counted toward major or as Distributed Requirement.)

112 Human Physiology

4 Hrs.

A study of the function of the human body.

Laboratory study designed to demonstrate basic physiological principles.

Three hours lecture and three hours laboratory a week.

(May not be counted toward major or as Distributed Requirement.)

120 Introduction to Medical Microbiology

4 Hrs.

Principles of microbiology with emphasis on the pathogenic bacteria, viruses, rickettsiae, and fungi. Laboratory includes methods for cultivation, isolation, and identification of the above.

Three hours lecture and three hours laboratory a week.

(May not be counted toward a major or as Distributed Requirement.)

201 Invertebrate Zoology

4 Hrs.

Study of the invertebrate phyla; comparative anatomy and physiology; natural history; systematics and evolution. Laboratory includes physiological experiments and emphasizes marine forms.

Prerequisite: Biology 106.

Three hours lecture and three hours laboratory a week.

207 Introduction to Microbiology

4 Hrs.

General survey of microorganisms with emphasis on morphology, metabolism, ecology, and taxonomy of bacteria. Laboratory emphasizes basic skills and sterile techniques.

Prerequisite or Corequisite: Chemistry 112.

Three hours lecture and three hours laboratory a week.

230 Field Studies in Biology

1-4 Hrs.

Includes studies in selected habitats or of particular groups of animals or plants, or travel-study to unusual habitats or ecosystems.
Topics are announced annually.

Prerequisite: Permission of the instructor. May be repeated under different subtitles, or by permission.

300 Cell Biology

4 Hrs.

Study of cell structure and physiology. Laboratory emphasizes research methods including instruments and techniques used in studying cells.

Prerequisite: At least one year of college chemistry; Biology 104 and 106 recommended.

Three hours lecture and three hours laboratory a week.

301 Vertebrate Embryology

4 Hrs.

Study of development with emphasis on vertebrates and a brief introduction to experimental embryology. Laboratory emphasizes amphibians and birds.

Prerequisite: Biology 106.

Three hours lecture and three hours laboratory a week.

302 Comparative Vertebrate Anatomy

4 Hrs.

Review of the evolutionary history of vertebrates with comparative study of their systems. Laboratory dissection of dogfish, mud puppy, and cat.

Prerequisite: Biology 106.

Three hours lecture and three hours laboratory a week.

304 Ecology

4 Hrs.

Relationship of organisms to their environment; populations and communities; aquatic and terrestrial habitats; statistical methods. Laboratory includes both experimental and field studies.

Prerequisite: Biology 104, 106.

Three hours lecture and three hours laboratory a week.

310 Marine Biology

4 Hrs.

Introduction to oceanography and marine biology with emphasis on ecology and distribution and classification of local fauna and flora.

Prerequisite: Biology 106; Biology 201 recommended.

Four weeks, summer session only, at Pawley's Island, South Carolina.

315 Histology and Microtechnique

4 Hrs.

The study of animal cells, tissues, and organs. Laboratory emphasizes practical experience in preparation of microscope slides.

Prerequisite: Biology 106.

380 Research Participation

3 Hrs.

An introduction to biological research by participation in research with faculty. Students will conduct individual investigations, and present the results of their work at the end of the term.

Prerequisite: Permission of the instructor. (May not be counted toward Distributed Requirement.)

390, 391 Laboratory Assistant in Biology

0, 1 Hr.

Practical experience as a laboratory assistant in the department. May be repeated once for credit. Grading is P/NR.

Prerequisite: 12 hours of biology with a grade of B or better and permission of the department.

401 Comparative Physiology

4 Hrs.

Study of the function of vertebrate systems. Comparisons made to invertebrate systems where appropriate. Includes lecture and laboratory experimentation.

Prerequisites: Biology 302 or permission of instructor; one year college chemistry.

Three hours lecture and three hours laboratory a week.

402 Genetics

3 Hrs.

Principles of heredity and variation in plants and animals.

Prerequisite: Mathematics 101, 113 or permission of the instructor. Does not count toward major without Biology 402L.

Three hours lecture a week.

402L Genetics Laboratory

1 Hr.

Laboratory methods in breeding genetically important species.

Corequisite: Biology 402.

Three hours laboratory a week.

405 Plant Systematics

4 Hrs.

Development of systems of classification; study of basic principles; practice in identification; collection and study of members of plant families represented in local flora.

Prequisite: Biology 104.

Three hours lecture and three hours laboratory a week.

425 Biology of Parasitism

4 Hrs.

Introduction to biological principles involved in parasitism of animals including man; host-parasite relationships; ecology; structure and classification.

Prerequisite or Corequisite: Biology 201.

Three hours lecture and three hours laboratory a week.

430 Topics in Biology

1-4 Hrs.

This course provides the opportunity for a faculty member and a group of interested students to study a subject that is not offered on a regular basis in the curriculum. Topics are announced annually. May be repeated for credit under different subtitles.

Prerequisite: One year of college biology. May vary with topic. Lecture and Laboratory hours vary with the hours credit and the course taught.

450 Independent Studies in Biology

1-4 Hrs.

Research projects in the area of the student's interest; written report and/or oral examination may be required; summer research in marine biology. May be taken more than once but total credits may not exceed six hours.

Admission by permission of the instructor.

460 Biology Seminar

1 Hr.

Invited guests, faculty and students present oral reports on topics of their specific interest and experience in biology and related fields.

Prerequisite: 8 hours of biology above the 100 level or permission of the instructor. May be repeated for credit.

One hour per week lecture, or discussion.

490 Biology Professional Internship

3 Hrs.

Practical experience under supervision in the field of biological science.

Prerequisite: At least 24 credits in biology and permission of the department.

499 Advanced General Biology

3 Hrs.

A restudy and synthesis of basic biological principles. Designed to provide depth to the undergraduate biology major's experience.

Prerequisite: 24 hours in biology courses and permission of the instructor.

Marine Biology Program

The department of biology offers a four-week summer session in marine biology at Pawley's Island, South Carolina. In addition to the usual laboratory facilities and equipment, the college maintains a 28-foot boat for offshore collecting. Advanced students may undertake independent studies in the marine field.

Chemistry

The Bachelor of Arts program emphasizes the breadth of liberal arts study in terms of a wide range of elective courses together with a sound education in chemical principles and laboratory skills. Teacher certification may be obtained in the B.A. program.

The Bachelor of Science program is designed to provide an educational experience with more depth in science and mathematics. Students are prepared by this program to pursue careers in chemistry and medicine which will require graduate study or formal professional training in medical school. Well-equipped laboratories and qualified staff make possible a special emphasis on clinical and industrial applications of chemistry.

Careers

Students planning to pursue careers in science and medically related fields should take courses in chemistry. These careers include chemistry, biochemistry, biology, forensic science, medicine, nursing, laboratory technology, medical technology, dental technology, physical therapy, and veterinary medicine.

Bachelor of Arts in Biochemistry

Requirements for the degree: Chemistry 111, 112, 208, 303, 308, 403, 404, 405; Laboratories 1, 2, 3, 5, 6, 7, 8, 9; 12 credit hours of approved biology courses above the 100 level; Physics 101, 102; Mathematics 113. Mathematics 114 and a foreign language are recommended.

Bachelor of Science in Biochemistry

Requirements for the degree: Chemistry 111, 112, 208, 303, 304, 307, 308, 403, 404; Laboratories 1, 2, 3, 5, 6, 7, 8, 9; 12 credit hours of approved biology courses above the 100 level; Physics 101, 102; Mathematics 113, 114.

Successful completion of two courses of foreign language at the intermediate level is required, that is, completion of 201 and 202. Chemistry 405 is recommended.

Minor

A minor in chemistry requires completion of any three courses in chemistry beyond the 100 level.

A minor in biochemistry requires completion of Chemistry 403, 404, and 405.

Distributed Requirements

Chemistry 101, 102, or 111, 112 or Chemistry 303 by permission of department. Credit may not be earned for both 101, 102, and 111, 112.

Course Sequences

After completing Chemistry 112, students are advised to take courses in the order listed in either of two sequences:

Instrumentation—Physical Chemistry sequence: 208, 307, 308.

Organic Chemistry—Biochemistry sequence: 303, 403, 404.

Other courses may be taken in any sequence provided prerequisites are met.

Laboratories

The department requires a student to register for a laboratory with each class course.

101 General Chemistry I

3 Hrs.

This course includes the structure of the atom; the structure of the nucleus and nuclear chemistry; the Periodic Table; chemical bonding; solids, liquids, and gases; and stoichiometric relationships, the properties of solutions, colloidal systems, chemical equilibria, and hydrocarbons.

Three hours lecture a week. Designed primarily for non-science majors.

102 General Chemistry II

3 Hrs.

This course is an introduction to organic chemistry and biochemistry, including functional groups, reactions, and synthesis.

Prerequisite: Chemistry 101 or permission of instructor.

Three hours lecture a week. Designed primarily for non-science majors.

111 Chemical Principles I

3 Hrs.

The study of atomic and molecular structure, electro-negativity, the relationships of the Periodic Table, covalent, ionic, and metallic bonding, molecular orbitals, enthalpy and entropy.

Three hours lecture a week. Designed primarily for science majors.

112 Chemical Principles II

3 Hrs.

The study of chemical equilibria, reaction rates, free energy, electro-chemistry, acids, bases and pH, and an introduction to carbon chemistry.

Three hours lecture a week. Designed primarily for science majors.

208 Instrumental Analysis I

3 Hrs.

Introduction to instrumentation and instrumental analysis with emphasis on fundamental electronic units, instrument design and construction and analytical application.

Prerequisite: Chemistry 112 or permission of the instructor.

Three hours lecture a week.

303 Organic Chemistry I

3 Hrs.

Introductory course including an integrated survey of the more important compounds of the aliphatic and aromatic series; emphasis on problems in organic synthesis.

Prerequisite: Chemistry 112 or permission of the instructor.

Three hours lecture a week.

304 Organic Chemistry II

3 Hrs.

Theoretical course treating the mechanisms of organic reactions in terms of modern structural theories.

Prerequisite: Chemistry 303 or permission of the instructor.

Three hours lecture a week.

307 Instrumental Analysis II

3 Hrs.

A second course in instrumental analysis with emphasis on analytical methodology.

Prerequisite: Chemistry 208.

Three hours lecture a week.

308 Physical Chemistry

Alternate years—3 Hrs.

Study of the structure of gases, the physical properties of matter, the laws of thermodynamics and the principles of equilibria.

Prerequisites: Chemistry 112 or permission of the instructor; Mathematics 113, Physics 101, which may be taken concurrently.

Three hours lecture a week.

390, 391 Laboratory Assistant in Chemistry

0, 1 Hr.

Practical experience as a laboratory assistant in the department. Chemistry 391 may be repeated once for credit. Grading is P/NR.

Prerequisites: 12 hours of chemistry with a grade of B or better and permission of the department.

403 Biochemistry I

3 Hrs.

Study of the chemistry of carbohydrates, fatty acids, lipids, amino acids and proteins; solutions, especially pH measurement and calculations; antigen-antibody reactions in immunoelectrophoresis; special topics in biochemical research (each student presents a report).

Prerequisite: Chemistry 304.

404 Biochemistry II

4 Hrs.

Emphasis is on enzymes and metabolism with special reference to recent work on enzyme kinetics.

Prerequisite: Chemistry 403 or Biology 300 or permission of the instructor.

Three hours lecture a week.

405 Physiological Chemistry

3 Hrs.

A course applying principles of biochemistry to the interpretation of normal and abnormal genetic and physiological states occuring in Mammalia; discussion of digestive processes, fluid and acid-base balance, hormonal influence on physiological states, organ function tests, and excretory processes.

Prerequisite: Chemistry 404.

Three hours lecture a week.

450 Directed Individual Studies

2, 3, or 4 Hrs.

Individual research conducted by the student.

Prerequisite: Open to advanced students by permission of the instructor.

Three, six or nine hours of consultation and laboratory work a week.

460, 461 Chemistry Seminar

1, 1 Hr.

Faculty and students will present oral reports on new or important developments in chemistry or in fields directly related to chemistry.

Prerequisite: Chemistry 208 or 303 or permission of the instructor. May be repeated for credit.

One hour lecture a week.

490 Chemistry Professional Internship

3 Hrs.

Practical experience in the field of chemistry or biochemistry.

Prerequisites: 24 hours in chemistry courses and permission of the department.

Chemistry Laboratories

Laboratory 1—Introduction I

1 Hr.

This laboratory introduces the student to elementary glass-working, general laboratory equipment and techniques, the principles of quantitative operations, and qualitative analysis.

Three hours laboratory a week.

Laboratory 2—Introduction II

1 Hr.

The student in this laboratory is introduced to semimicro technique, chromatography, elementary organic and biochemical techniques.

Prerequisite: Laboratory 1 or permission of the department.

Three hours laboratory a week.

Laboratory 3—Instrumentation I

1 Hr.

The student is introduced to the practical aspects of instrument design and construction and to the calculations and techniques of quantitative analysis.

Prerequisite: Laboratory 2 or permission of the instructor.

Three hours laboratory a week.

Laboratory 4—Instrumentation II

1 Hr.

The student undertakes the practical evaluation of experimental methods and instruments best suited for specific advanced analytical problems.

Prerequisite: Laboratory 3.

Three hours laboratory a week.

Laboratory 5—Physical Chemistry

1 Hr.

The student is introduced to the basic devices for precise physical and chemical measurements.

Prerequisite: Laboratory 4

Three hours laboratory a week.

Laboratory 6—Synthesis I

1 Hr.

Course introduces the student to the basic experimental techniques of chemical synthesis of organic compounds.

Prerequisite: Laboratory 2.

Three hours laboratory a week.

Laboratory 7—Synthesis II

1 Hr.

A continuation of Laboratory 6 and the introduction of the student to organic qualitative analysis.

Prerequisite: Laboratory 6

Three hours laboratory a week.

Laboratory 8—Biochemistry I

1 Hr.

Basic principles and techniques of biochemical laboratory investigation introduced; work is quantitative in nature.

Prerequisites: Laboratory 3 and 6 or permission of the instructor.

Three hours laboratory a week.

Laboratory 9—Biochemistry II

1 Hr.

Course is a continuation of Laboratory 8 with special emphasis given to advanced biochemical methodology and to quantitative measurement.

Prerequisite: Laboratory 8.

Three hours laboratory a week.

Laboratory 10—Biochemistry III

1 Hr.

Classical clinical laboratory methods used to investigate the influence of carbohydrate, protein, lipid, hormonal, and inorganic constituents of body fluids on the physiological state of the individual animal. Open to advanced students by permission of the instructor.

Three hours laboratory a week.

Computer Science

Careers

Major study in computer science provides basic preparation leading to computer-related work in business and industry, research and consulting, teaching, and graduate study in computer science.

Computer Center

Queens has a computer center with an on-campus IBM 5100 computer and two Apple IIs, and with direct access to both an IBM 3081, and a Hewlett-Packard 2000. The computer center is equipped with a DECwriter, card punch, card reader, and printer.

Bachelor of Science

Requirements for the degree: Computer Science 101, 102, 200, 240, 305, 320, 330, 410, 430; three courses elected from the 300-400 level not including 322 or 350. Students majoring in this program are required to take Mathematics 113, 114, 206, 213, 214, 303, 409, and Physics 101, 102.

Minor

A minor in computer science consists of Computer Science 101, 102, 200, 305, and twelve hours from 200- 300- 400-level courses with at least one 400-level course. Mathematics 409 may be used as one of these electives.

101 Computer Programming I

3 Hrs.

Introduction to use of computer as a problem-solving tool. BASIC and FORTRAN are the current implementation languages used. Topics to be covered are computer organization, programming language details and programming techniques, and algorithm development.

102 Computer Programming II

3 Hrs.

Continue to develop the discipline of computers as a problem-solving tool. FORTRAN and PASCAL are the current implementation languages used. Topics to be covered are structured programming concepts, debugging and testing, string processing, internal searching/sorting, and simple data structures.

Prerequisite: Computer Science 101.

200 Introduction to Computer Systems

3 Hrs.

Objectives are to provide basic concepts of computer systems, introduce computer architecture, and to teach an assembly language. Topics to be discussed are computer structure, number representation and arithmetic, machine language, assembly language, addressing techniques, macros, file I/O, program segmentation and linkage, and assembler construction.

Prerequisite: Computer Science 102.

240 Introduction to Computer Organization

4 Hrs.

Provides an understanding of physical components used in computer hardware. Topics to be discussed are basic logic design and computer architecture and continue the area of coding and number representation and arithmetic. Study of the architecture of a microcomputer. Course will include three hours lecture and two hours lab per week.

Prerequisite: Computer Science 200 or consent of instructor.

350 Systems Analysis, Design, and Implementation

3 Hrs.

Developing systems to meet needs of an organization, training managers in design capabilities and limitations of information systems, beginning training for professional systems analysts, providing techniques for facilitating implementation process.

Prerequisite: Computer Science 101 or 320 or permission of the instructor.

400 Computers and Society

3 Hrs.

A brief history of computers, survey of growth of applications and current social issues to include legal issues as they relate to businesses and the individual.

Prerequisite: Junior standing.

410 Comparative Languages

3 Hrs.

Introduction to formal language and automatic concepts; review of basic data types and structures; control structures and data flow; implementation of these in several languages. (APL, ALGOL, SNOBOL4, PL/1, LISP)

Prerequisite: Computer Science 330.

430 Operating Systems

3 Hrs.

Introduction to the role of software organization in general computer systems. Problems techniques, and concepts in multi-access, multiprogram, and multiprocess systems.

Prerequisite: Computer Science 240.

440 Management Information Systems

3 Hrs.

File organization and security with implementation in an appropriate language, database management systems, management use of computers for data processing, planning, and decision making.

Prerequisite: Computer Science 330.

305 Introduction to File Processing

3 Hrs.

Emphasis will be given to basic concepts and techniques of structuring data on bulk storage devices, sequential and random access files, and algorithms and techniques of file manipulation.

Prerequisite: Computer Science 102 or 320 or permission of the instructor.

320 COBOL

3 Hrs.

Students will learn to write and to run programs in the Common Business Oriented Language (COBOL); use of IBM 360 Job Control Language and management of data sets.

Prerequisite: Computer Science 102 or permission of the instructor.

322 Quantitative Methods with Computer Applications

3 Hrs.

Mathematical techniques for practical usage—PERT, production scheduling, linear programming, regression analysis, quality control statistics, and other accounting information—with computer applications.

Prerequisites: Mathematics 206; Computer Science 101 or 320 or permission of the instructor.

330 Data Structures

3 Hrs.

Review of primitive data representation, logic, elementary searching and sorting; data structures; arrays, linearly linked and multilinked lists, stacks, queues, graphs, binary trees; processing data structures, internal and external sorting, merging and searching; storage allocation, garbage collection and compaction.

Prerequisite: Computer Science 305.

450 Independent Studies in Computer Science

1-4 Hrs.

Research projects in the area of the student's interest; written report will be required. May be taken more than once but total credits may not exceed four hours.

Prerequisite: Open to advanced students by permission of the instructor.

460 Systems Simulation

3 Hrs.

Introduction to simulation and comparison with other techniques. Discrete models and queuing theory. Introduction to SIMSCRIPT as a simulation language.

Prerequisites: Computer Science 330 and Mathematics 206.

490 Computer Science Professional Internship

3 Hrs.

Practical experience under supervision in the field of computer science.

Prerequisites: At least 21 hours in computer science and permission of the department.

Mathematics

It is the nature of mathematics to examine concepts from nearly all areas of thought using a uniquely abstract and deductive approach. Although mathematical investigation often involves the use of expressions which represent numbers, many of the discoveries of the discipline extend beyond the quantitative.

Mathematics Proficiency

As part of the Queens concept, all students are expected to demonstrate proficiency in basic mathematics by passing a test to be administered by the Mathematics Department during the fall orientation period or during specified intervals during the academic year. It is recommended that this be completed by the end of the sophomore year; in any case, it must be successfully completed before graduation. Special non-credit mathematics laboratory sections are offered each semester to help those not passing the test during the freshman orientation period.

Careers

The Department of Mathematics offers courses which reflect the general nature of mathematics while providing the student with an understanding of special tools such as statistics and calculus. The student majoring in mathematics can choose a program which provides preparation for teaching at the secondary school level, pursuing actuarial work or work with computers, or continuing the study of mathematics in graduate school. In addition, a rigorous training in mathematics is excellent intellectual conditioning for a wide variety of careers.

Bachelor of Science

Requirements for the degree: Calculus I, II, III, IV, Linear Algebra (303), and a course from each of the following fields of mathematics: Algebra (401); Analysis (415, 416); Applied Mathematics (405, 406, 409); Computer Science (101, 102); Geometry/Topology (304, 307); and any other 3 mathematics courses numbered 206 or above. (May substitute two computer science courses for two mathematics courses.) Physics 101 and 102 and 2 courses in a lab science other than Physics. Successful completion of a course of foreign language at the intermediate level is required.

Bachelor of Arts

Requirements for the degree: Calculus I, II, III, IV, Linear Algebra (303), and a course from each of the following fields of mathematics: Algebra (401); Analysis (415, 416); Applied Mathematics (405, 406, 409); Computer Science (101, 102); Geometry/Topology (304, 307); and any other mathematics course numbered 206 and above. Physics 101 and 102 are strongly recommended.

Minor

A minor in mathematics consists of Calculus I, II, III, a three hour course numbered 200 or above, and two additional three hour courses numbered 300 or above.

Distributed Requirements

Any three hour course numbered 101 or above except Mathematics 203 can be used to satisfy the Distributed Requirements for Area II. Mathematics 203 counts for three distribution hours for early childhood or intermediate education majors, if taken with any three hour course numbered 101 or above.

99 Mathematics Workshop

0 Hrs.

A review course for improving mathematics skills.

101 College Algebra and Trigonometry

3 Hrs.

Sets; equations and inequalities; relations, functions and their graphs; trigonometric functions.

105 Finite Mathematics

3 Hrs.

Statements, connectives, truth-tables and valid arguments; sets and their relation to statements; partitions and counting problems; probability and matrices.

113 Calculus I

3 Hrs.

An integrated treatment of analytic geometry and limits, continuity of functions, introduction to differentiation and integration with applications to extreme values and curve sketching.

Prerequisite: Mathematics 101 or equivalent.

114 Calculus II

3 Hrs.

Continuation of basic integration with applications, elementary transcendental functions, techniques of integration (of functions of one variable), Taylor's theorem, L'Hopital's rule, improper integrals and infinite series.

Prerequisite: Mathematics 113.

203 Mathematics for the Elementary Teacher

3 Hrs.

Designed for early childhood and intermediate teacher certification. Sets and logic; enumeration conventions; the integers; number theory; rational numbers; metric geometry.

206 Statistical Methods

3 Hrs.

Introduction to the concept of statistical inference with emphasis on applications using the normal, t, chi-square, and F distributions. Primarily for persons concentrating in the behavioral or social sciences.

Prerequisite: Mathematics 101, 105, or 113.

213 Calculus III

3 Hrs.

Vector algebra, curves and vectors in the plane and in three dimensions, solid analytical geometry, polar and spherical coordinates, partial derivatives.

Prerequisite: Mathematics 114.

214 Calculus IV

3 Hrs.

Maxima and minima with two or three variables, multiple integrals, line integrals, Green's theorem.

Prerequisite: Mathematics 213.

250 Mathematics Professional Internshi

3 Hrs.

A student will work with a local firm unde the joint supervision of a representative of the firm and a member of the Mathematics Department. The work will usually require background in computing (such as supplied by Computer Science 100) or in elementary statistics (Mathematics 206). Grading is Pass/No Record.

Admission by permission of the department

303 Linear Algebra

3 Hrs.

Coordinate geometry; vectors and three-dimensional geometry; matrices and determinants; linear transformations.

Prerequisite: Mathematics 113.

304 Geometry

3 Hrs.

Modern approach to the study of Euclidean and non-Euclidean geometries, including incidence and affine geometries; designed especially for students preparing to teach.

307 Introduction to Topology

3 Hrs.

An examination of continuity, connectedness, and compactness.

Prerequisite: Mathematics 213.

401 Introduction to Modern Algebra

3 Hrs.

Presentation of the theory of integral domains, fields, groups, rings, vector spaces, matrices, and other selected topics.

Prerequisite: Mathematics 213. Mathematics 303 strongly recommended.

405 Introduction to Probability and Mathematical Statistics

3 Hrs.

Introductory study of probability as a mathematical system, random variables and distribution functions; mathematical models;

esting hypotheses; estimation of arameters.

rerequisite: Mathematics 114.

06 Statistical Inference

Hrs.

tudy of the relation of sample to population rith the consideration of statistical problems uch as testing of hypotheses, estimation, nd experimental design.

rerequisites: Mathematics 213 and permision of the instructor.

09 Numerical Analysis

Hrs.

oots of algebraic and transcendental equaons; difference calculus and interpolation; atrix inversion and eigen-value problems r differential equations.

rerequisite: Mathematics 214; may be ken concurrently.

5 Introduction to Real Variable Theory

Hrs.

e real numbers; set theory; metric spaces; clidean spaces; uniform continuity; series functions; the Riemann-Stieltjes integral.

erequisite: Mathematics 214.

6 Introduction to Complex Analysis

Hrs.

gebra and geometry of complex numbers; alytic functions; contour integrals; Taylor d Laurent series; conformal mappings.

erequisite: Mathematics 214; may be ken concurrently.

5 Mathematics Seminar

Hrs.

minar in advanced topics of mathematics. en to seniors in the Mathematics Department with permission of the instructor.

erequisite: Mathematics 213.

0 Mathematics Professional Internship

Hrs.

ctical experience under supervision in field of mathematics.

requisites: 24 hours in mathematics rses and permission of the department.

Medical Technology

The Bachelor of Science degree with a major in medical technology will be granted upon successful completion of 92 credit hours of approved college work and certification in medical laboratory technology from any hospital accredited by the American Society of Clinical Pathology and approved by the college. In order to enter an A.S.C.P. approved school, minimum requirements must be met: at least 92 credit hours of college work giving a comprehensive general education and including English, social sciences, art, and humanities. In addition, the minimum science and mathematics requirements are: 16 credit hours of chemistry, 16 credit hours of biology, and three credit hours of mathematics. All Queens College degree requirements must be met. A minimum of 36 hours in courses numbered 300 and above is required. Thirty credit hours are assigned to courses carried in the school of medical technology; these constitute the major. All of these 30 credit hours shall be considered equivalent to 300- 400-level courses.

Radiologic Technology

The Bachelor of Science degree with a major in radiologic technology will be granted upon successful completion of 92 credit hours of approved college work and certification in radiologic technology from any hospital school accredited by the American Registry of Radiologic Technologists and approved by the college.

All Queens College degree requirements must be met. A minimum of 36 hours in courses numbered 300 and above is required. Thirty credit hours are assigned to professional courses carried in the school of radiologic technology; these constitute the major. All of these 30 credit hours shall be considered equivalent to 300- 400-level courses. A student may not be admitted to candidacy for this degree until certified by the American Registry of Radiologic Technologists.

Physics

Distributed Requirements

Physics 101, 102, or 103 will meet the Area IV Distributed Requirements.

101, 102 General Physics

4, 4 Hrs.

Beginning course in physics covering the fundamental principles of mechanics, heat, sound, light, electricity and magnetism, and atomic physics.

Prerequisites: Elementary algebra and plane geometry; Physics 101 is prerequisite to Physics 102.

Three hours lecture and three hours laboratory each week.

103 Physics of Sound

3 Hrs.

An elementary treatment of generation, propagation, and detection of sound; designed primarily for music majors, but should be of interest to anyone with some music background.

Two hours lecture and two hours laboratory each week.

105 Radiologic Physics

Summer School—4 Hrs.

Selected topics in mechanics, atom structure, electricity and magnetism, ionizing radiation, production and properties of x-rays, radiation dosimetry and protection; designed to provide students in a radiologic technology program with a basic understanding of the physical principles involved in the generation and use of x-rays.

Offered during summer school only; four weeks; 10 lecture hours and nine laborator hours per week.

Students may not receive credit for both Physics 102 and Physics 105.

Environmental Science

101, 102 Environmental Science

3, 3 Hrs.

A study of the environmental issues confronting our present society; energy, population, pollution, natural resources, food production, materials production, waste disposal, transportation. Certain scientific principles are considered to the extent necessar for a basic understanding of the environmental problems, and some attention is given to the role of science in the development of and attempted solutions to these problems.

Environmental Science 101, 102 will fulfill the Area IV Distributed Requirements.

Prerequisite: Environmental Science 101 o a college-level physical science course is prerequisite to Environmental Science 102.

Three hours lecture, two hours laboratory a week.

Division of Nursing

Carolyn M. Jones, *Director*
Associate Professor of Nursing

James A. Boylston, M.D.
Lecturer in Nursing

Helen Carolyn Carpenter
Lecturer in Nursing

Robert Farnham, III
ecturer in Nursing

Carolyn Foster
ecturer in Nursing

Carlene H. Fulk
nstructor in Nursing

Karen Hauersperger
ecturer in Nursing

herry L. Laurent
ssistant Professor of Nursing

oy F. Reed
ssistant Professor of Nursing

Nancy D. Schwab
nstructor in Nursing

ared N. Schwartz, M.D., Ph.D.
ecturer in Nursing

Nursing

he Queens College Nursing Program is a
ur-year baccalaureate degree program
hich provides opportunities for the devel-
pment of a professional nurse through
ourses in the humanities; social, behavioral,
nd natural sciences; fine arts; and nursing.
ursing content is founded on the Self-Care
eficit Theory of Nursing.

igh priority is given to academic excellence
nd clinical experience. Therefore, a major
nphasis is placed on clinical nursing prac-
ce experience in combination with class-
oom and laboratory instruction. Selected
inical experiences begin in the second year
f the program and progress throughout
e program.

areers

e Queens College Nursing Program
rough the self-care model prepares indi-
duals to assume beginning positions in
ofessional nursing and for graduate study.
creates an atmosphere in which the indi-
dual can continue to develop a personal
lue system and begin to develop a system
professional values. Careers in nursing
ay include the nursing of children, adoles-
nts, adults (including the elderly), in com-
unity, hospital, occupational school, and
stitutional settings.

Major

Students may major in nursing by formally declaring nursing as their major, preferably in the freshman year. Formal application to nursing includes the following: completion of an application form, an interview with a member of the nursing faculty, and completion of a physical examination, including required immunizations. Students majoring in this program are required to take Nursing 103, 201, 202, 203, 205, 206, 250, 300, 302, 303, 304, 305, 400, 401, 402, 450, 451, and 452. Students are also required to take Chemistry 101 and 102; Biology 103, 111, 112, and 120 or 207; Psychology 201, 304, and 319; Sociology 203; and Math 206.

Distributed Requirements

Nursing majors are required to fulfill the same Distributed Requirements as those required of all liberal arts candidates at Queens. The requirement for Area II is met by Math 206 and an additional math prerequisite; the requirement for Area IV is met by Chemistry 101 and 102; and the requirement for Area V is met by Psychology 201, and Sociology 203.

Minor

Although a minor in nursing is not offered, selected nursing courses may be taken by non-nursing majors (see course descriptions).

Information for Registered Nurses

The nursing major offers registered nurses the opportunity to identify strengths and capabilities so that learning activities in which they have already attained the necessary skill need not be repeated. Length of the program will depend upon academic preparation prior to admission and satisfactory completion of essential courses in general education and in the nursing major.

103 Professional Nursing in the Health-Care System

4 Hrs.

This survey non-clinical nursing course introduces students to the practice discipline of professional nursing within the health-care system. Primary, secondary, and tertiary levels of health care, methods of health-care delivery, socio-cultural aspects of health, economics, and political aspects of health care, and providers of health care are discussed.

The Self-Care Deficit Theory of nursing is introduced and developed as a basis for the students' beginning conceptualization of the self-care model in nursing practice. Self-awareness, communications, and value-clarification will be stressed.

Required of all nursing students; open to all Queens College students.

201 Nursing Process at the Primary Level of Prevention I

3 Hrs.

This laboratory course is designed to assist nursing students to begin to develop their abilities to perform selected psychomotor and interpersonal nursing skills and technologies. Laboratory experience will be provided in both classroom and clinical settings.

202 Nursing Process at the Primary Level of Prevention II

3 Hrs.

This course provides an expansion of Orem's Self-Care Deficit Theory, and its relationship to the nursing process and health-care requirements at the primary level of prevention. Types and dimensions of nursing systems will be discussed and emphasis will be placed on the social and interpersonal systems. The basic conditioning factors in relation to self-care requisites will be identified. Guided laboratory experiences in observation, interviewing, and recording of data will be provided. Focus will be on those interpersonal and social skills and technologies necessary to assess the health status of selected individuals at varying stages in the life cycle.

Prerequisite: Nursing 103.

Two hours lecture and four hours laboratory a week.

203 Nursing Process at the Primary Level of Prevention III

3 Hrs.

The course focuses on the application of theoretical knowledge and the development of basic assessment skills in guided clinical practice in selected health-care settings. Students will assess the physical, mental, social, and nutritional status of clients at varying stages of the life cycle.

Prerequisites: Nursing 201, Biology 111.

One hour lecture and eight hours laboratory a week.

205 Nutrition

3 Hrs.

Students will study basic nutrition as it relates to health, health assessment, and health maintenance, as well as prevention and treatment of nutritional deviations and/or deficits. Principles from both the physical and the behavioral sciences will be utilized in the study of the action, interaction and balance of nutrients in food, and their relationship to health and altered health states.

Prerequisites/Corequisites: Chemistry 111, 112.

206 Nursing Care of Healthy Childbearing Families

4 Hrs.

This clinical course focuses upon nursing care of healthy childbearing families. Designing, implementing, and evaluating a supportive-educative nursing system for clients experiencing the life-cycle event of childbearing is the primary objective for this course. Emphasis will be placed on health promotion, health maintenance, and prevention of complications.

Prerequisite: Nursing 203.

250, 300, 400 Clinical Nursing Core

2 Hrs., 2 Hrs., 2 Hrs.

This sequence of three seminar courses is presented in three semesters over a 1½-ye time period. The first two courses in the sequence are offered in the second and third year of the curriculum, and the third course is offered in the fall semester of the fourth year. Together, these courses provide the student with a total view of what is comm to all aspects of nursing care and what is specific to the various clinical specialty areas Selected common concepts that form the substantive components of clinical nursing practice are examined.

Prerequisite: For Nursing 400—fourth-year standing in nursing major.

302, 303 Nursing Care of Individuals with Health Deviations

7 Hrs., 7 Hrs.

These clinical nursing courses examine patterns of response to health/illness situation throughout the life cycle. They focus upon designing and implementing nursing system with persons experiencing health deviations (behavioral and/or organic disorders). Clinical practice will be provided in a variety of settings with individuals of varying age groups.

Prerequisites/Corequisites: Nursing 304, 305.

304 Pharmacology

2 Hrs.

This basic course deals with classifications, drug dosage, physiological actions, and response to medication therapy. Responsi-

bilities and functions of the nurse as a com-
municator, a possible potentiator of medica-
ion therapy, as a decision maker, and as a
egally knowledgeable professional are
xplored.

rerequisites: Chemistry 112, Biology 112.

05 Pathologic Processes in ealth Deviations

Hrs.

his third-year course serves as a foundation
or understanding those structural and func-
ional deviations or disorders which either
revent or limit the individual's self-care
gency. Disturbances in adaptive mechanisms
s well as in bio-chemical, psychosocial, and
hysiological regulatory mechanisms which
nanifest themselves as pathological pro-
esses are explored.

rerequisites: Biology 111, 112; Chemistry
01 and 102.

01 Leadership and Management of uman Resources

Hrs.

his course examines nursing organizational
tructure within the structure of health-care
gencies. The primary focus is on the dy-
amics of leadership and management of
uman resources within the accountability
f nursing. An internship in leadership of-
ered in the January Term is a requirement
f this course.

02 Nursing Care of Multiperson Units n the Community

Hrs.

his course examines the system of nursing
elivery as a part of the larger health-care
elivery system with emphasis on identifica-
on of health needs and encouragement of
elf-care health promotion in the community
rough assessment and education. Clinical
ractice will be provided in a variety of
ommunity agencies with individuals of
arying age groups.

rerequisites: Nursing 302, 303; Statistics.

450 Directed Study in Nursing

3 Hrs. (To be individually arranged.)

The aim of this senior course is that the nursing student will demonstrate a comprehensive grasp of nursing theory and practice. It involves concentrated study in nursing, such as study of a nursing problem, the development and implementation of a research study, directed reading/writing, or advanced clinical nursing practice. In this course, students are expected to synthesize and utilize: a) their understandings of both nursing theory and nursing practice; and b) the liberal arts and professional components of the curriculum as they relate to the practice of professional nursing and then to summarize their study and experiences in a scholarly paper.

Prerequisite: Fourth-year standing in nursing major.

451 Advanced Nursing Practicum

6 Hrs.

This course offers selected concentrated study in advanced nursing practice. The student will have the opportunity to refine, broaden, and enhance her nursing agency and expand the scope of her professional nursing practice. This advanced practicum will include extensive clinical experience in a critical care setting and a selected experience which may include areas such as thanatology, gerontology, neonatology, oncology, crisis intervention, or care of children and mothers at risk. These advanced nursing experiences will be arranged following a clinical nursing internship format.

Prerequisites: Nursing 300, 303, and fourth-year standing in nursing major.

452 Nursing Perspectives

2 Hrs.

Ethical, educational, social, political, legal, and economic issues that affect contemporary nursing will be explored in depth. Students will be expected to formalize their individual conceptualization of professional nursing. Regional/national nurse educators and/or nursing theory developers may participate in these seminar discussions.

Prerequisite: Fourth-year standing in nursing major.

Division of Social Sciences and Education

Joyce H. Shealy, *Chairman*
Dana Professor of Psychology

Daniel C. Biber
Lecturer in Psychology

Carol J. Boggs
Lecturer in Sociology

Rosalie Bryant
Lecturer in Physical Education

Helen G. Cappleman
Assistant Professor of Education

Susan S. Carley
Assistant Professor of Sociology

Charles G. Couch, Jr.
Assistant Professor of Psychology

F. William Fischer
Lecturer in Sociology

David A. Freeman
Assistant Professor of Political Science and Philosophy

Noel Goodman
Lecturer in Physical Education

Albert A. Maisto
Lecturer in Psychology

Emory H. Mason, Jr.
Associate Professor of Education and Director of Teacher Education Programs

Peter Meyer
Professor of Education

Phyllis A. Pharr
Associate Professor of Physical Education

Paul C. Porterfield
Assistant Professor of Education and Director of the Instructional Media Center

Dorothy L. Ross
Lecturer in Sociology

Mary Thomas Smith
Assistant Professor of Education

Wayne A. Walcott
Lecturer in Geography

Elizabeth T. Walker
Assistant Professor of Physical Education

Education

One of the ways of accomplishing the college's purpose as an educational institution is to prepare individuals both for personal fulfillment and for contribution to society.

Teacher certification may be obtained as a part of the student's regular four-year program. Course work is designed to meet requirements in North Carolina. There are reciprocity agreements with over 30 other states. Students planning to teach in a state other than North Carolina should obtain a copy of the requirements of that state and plan a program to meet those requirements.

Departmental objectives state that the education of teachers is threefold: they are liberally educated; they pursue in depth the teaching specialties; and they acquire the necessary professional knowledge and skills needed in teaching. The certification of teachers is limited to the areas in which th college has majors or well-established programs. The education of teachers is the joi responsibility of the academic departments and the Department of Education.

Certification is possible in early childhood education (grades K-3); intermediate (grade 4-9); in secondary-level teaching (grades 7-12) in English, French, Spanish, mathematics science (or biology), and the social studies areas; and in the special subject areas (grades K-12) in art and music. A specialty in reading education may be obtained with all levels of certification.

Students desiring certification in early childhood education may choose to major in early childhood education or may major in any other area offered and at the same time fulfill certification requirements.

Early planning for certification (as early as the beginning of the freshman year in some programs) is advisable. Students must apply for admission to the Teacher Certification Program by the end of the sophomore year Application for permission to do student teaching must be made by the end of the junior year. Both of these application forms may be obtained from the Education Department.

Persons interested in teacher certification who have already earned a bachelor's degre are admitted as special students. They should consult with the Director of Admissions regarding admission and are expected to complete 12 credit hours successfully at Queens before undertaking student teaching.

Major

The major in Early Childhood Education requires the following courses: Education 221, 305, 310, 311, 312, 334, 401, 405, 406, 420, and

16. Education 402 is recommended. In addi- on, the student must complete in other epartments subject matter courses required r the teaching certificate.

21 Introduction to Teaching

Hrs.

ociological, historical, and philosophical ackground, purposes, and concepts basic to e development of public education in the nited States.

rimarily for sophomore level students; re- iired of all students in teacher education.

99 Introduction to Early Learning xperiences

Hrs.

ourse is designed as an introduction to the omponents of an early learning center for ung children. The student will begin to evelop observational skills needed to facili- te identification of the needs of individual ildren and how they learn. Requirements clude one hour lecture and three hours b per week.

05 Literature for Children

Hrs.

ook selection and the integration of owledge of children and books; includes aluating types of literature, planning ways using books, and the study of biblio- aphic sources and tools.

10 Educational Psychology

Hrs.

udy of those principles of psychology hich can be applied directly to the class- om; emphasis on psychological testing, havior deviations, and principles of arning.

erequisite: Psychology 201.

1 Health Education in the ementary School

Hrs.

udy of the role of the teacher in the school alth program: her responsibilities for pro- ding a healthy and safe environment for e pupil, for becoming acquainted with ailable health services, and for the teach- g of health and safety.

2 Physical Education in the ementary School

Hrs.

verall view of aspects of teaching physical lucation; its place in the school program; facilities, equipment, and safety procedures necessary for a successful program; skill progression and types of activities appropriate for elementary age groups.

NOTE: It is recommended that students preparing to teach in the elementary grades take folk and social dance as one of the two required hours of physical education.

330 The Young Child and the Educative Process

3 Hrs.

Course is designed to provide Early Childhood Education students with more in-depth knowledge of the growth stages that young children go through in their learning and will demonstrate the interrelatedness of all areas of development. The student will also develop skill in observing young children and recording their progress on a learning accomplishment profile.

334 Parent-School-Community Relations

3 Hrs.

A course designed to bring about a better understanding of the roles of the parents, the school, and the community in the education of young children.

335 Foundations of Reading

3 Hrs.

An introductory course in reading which includes the basic ideas in understanding the nature of the reading process and its relationship to language, learning, and thought. Recent research and varying approaches to teaching reading will be explored.

345 The Teaching of Reading for Secondary School Teachers

3 Hrs.

The importance of reading development in the content fields for the improvement of learning is emphasized. Topics include work-study skills, selection of appropriate reading materials both functional and recreational, and classroom strategies. Required for secondary and special subject teacher certification.

401 Teaching of Reading and Other Language Arts

3 Hrs.

Course includes achievement of competencies in the use of materials and methods of instruction in the teaching of reading and other language arts. Emphasis is placed on the psycholinguistic process of reading and the interrelationship and integration of all the communicative arts.

402 Diagnostic and Corrective Techniques in Reading

3 Hrs.

Course is designed to help students contribute more effectively to the total reading program by identifying, interpreting and fulfilling the needs of those experiencing difficulty in reading. Formal and informal diagnostic measures are studied. A school experience of working with students who have reading difficulties is required.

405, 406 Teaching Strategies in Early Childhood Education I, II

3 Hrs., 3 Hrs.

Course is designed to achieve competencies in teaching math, science, and social studies at the early childhood level. Emphasis is placed on instructional strategies and devising methods and materials to meet individual needs.

Parts I and II must be taken concurrently in the Term I prior to student teaching.

407, 408 Teaching Strategies in Intermediate Education I, II

3 Hrs., 3 Hrs.

Course is designed to achieve competencies in teaching math, science, and social studies at the intermediate level. Emphasis is placed on instructional strategies and devising methods and materials to meet individual needs.

Parts I and II must be taken concurrently in the Term I prior to student teaching.

420 Methods and Materials of Instruction in Kindergarten

3 Hrs.

Course includes a study of the curriculum appropriate for the kindergarten age child in relation to individual interests, aptitudes and needs. Teaching activities and experiences will be planned in each of the curriculum areas to include these factors. Provision will be made to implement these plans in a classroom.

438 Methods and Materials of Instruction for Secondary Subject Teachers

3 Hrs.

Study of teaching methods, resources, materials and strategies as related to the secondary school and special subject areas.

Prerequisite to student teaching; normally to be taken in the fall semester, senior year.

Students working for certification in art, media, and music may exempt the course.

441 Student Teaching in Art Education

15 Hrs.

Study of various roles of the secondary/special subject teacher in relation to principles of secondary education. Directed observation and student teaching in selected schools. Grading is P/NR.

Student Teaching Fee: $40.

442 Student Teaching in Secondary Education

15 Hrs.

Study of various roles of the secondary subject teacher in relation to principles of secondary education. Directed observation and student teaching in selected schools. Grading is P/NR.

Student Teaching Fee: $40.

443 Student Teaching in Music Education

15 Hrs.

Study of various roles of the secondary/special subjects teacher in relation to principles of secondary education. Directed observation and student teaching in selected schools. Grading is P/NR.

Student Teaching Fee: $40.

446 Student Teaching in Early Childhood Education

15 hrs.

Observation and student teaching in grades K-3; seminars are scheduled throughout this period. Grading is P/NR.

Student Teaching Fee: $40.

448 Student Teaching in Intermediate Education

15 Hrs.

Observation and student teaching in grades 4 through 9; seminars are scheduled throughout this period. Grading is P/NR.

Student Teaching Fee: $40.

449 Field Experience in Teaching Reading

3 Hrs.

Students will be placed in various teaching situations—tutoring individuals and/or small groups, whole classes, special reading laboratories—in which they will work with students with reading problems.

Prerequisites: Education 335, 345 or 401, or 402, as well as permission of instructor.

450 Individual Studies in Education

Offered on demand—1, 2, or 3 Hrs.

Programs of study for experienced classroom teachers, following their interests and needs, are planned with the help of the instructor. Persons interested in enrolling in Education 450 are urged to confer with the instructor in person or by letter prior to the beginning of the course so that individual study plans may be formulated.

Prerequisite: Classroom teaching experience and permission of instructor.

Reading Education

Six courses are offered in reading education. Any student may take these courses as electives, as pre-professional courses, or as a second speciality in the teacher education program.

Students desiring this as a second specialty should take Education 305, 335, 345, 401, 402, and 449. In addition, students must meet all other requirements for teacher certification.

For additional information consult the Director of Teacher Education Programs.

Media Education

Eight courses are offered in educational media services. Students interested may select courses as electives, as preparation for graduate school, or as part of the requirements for certification as a public school librarian at the associate media coordinator level.

Students desiring certification as an associate media coordinator must take Education 301, 302, 303, 304, 305, and 306; they must take the professional education courses required for secondary, intermediate, or early childhood education; and they must have a stated major. In addition, Education 440 is required for persons working for initial certification and Education 307 is required for teachers who are certified in an area other than media education.

For additional information consult the Director of Teacher Education Programs.

The media education program will be discontinued and all courses deleted from the curriculum after the 1982-83 academic year. Therefore, students are no longer being accepted into the program.

301 Introduction to Media Services

3 Hrs.

The beginning course for persons interested in library and school media professions: developments, objectives, standards, current issues and trends in libraries and school media centers. Includes a study of media center services, collection building, and the management of personnel, facilities, and budgets.

302 Technical Services for Media Centers

3 Hrs.

Principles and practices of cataloging, classification, and processing of books, periodicals, and nonprint materials.

Prerequisite: Permission of instructor.

303 General Reference Sources in Media Centers

3 Hrs.

A course designed for the study of reference tools used in libraries and school media centers; bibliographies, indexes, encyclopedias, almanacs, dictionaries, biographical sources, geographical sources, government documents, and audio-visual sources.

Prerequisite: Permission of instructor.

304 Audio-Visual Materials and Methods

3 Hrs.

An introductory course in selection, utilization, and care of audio-visual equipment and the production of educational materials. Includes a study of the basic theoretical concepts relating to mass communications and film literacy.

305 Literature for Children

3 Hrs.

Book selection and the integration of knowledge of children and books; includes evaluating types of literature, planning ways of using books, and the study of bibliographic sources and tools.

306 Media Center Materials for Young Adolescents

3 Hrs.

A media center internship at the junior high or middle school level. Includes an evaluation of literature, audio-visual materials, and bibliographic tools for young adolescents. A survey is conducted to determine the reading interests of young adolescents.

307 Professional Internship in Media Services

3 Hrs.

A media center internship at the elementary and secondary school levels (practice at the intermediate level is covered in Education 306). This course is designed for those persons already certified as classroom teachers.

Prerequisite: Admission by permission of the Director of Teacher Education Programs.

440 Student Teaching in Media Education

15 Hrs.

Study of the various roles of the associate media coordinator at both the elementary and secondary school levels (practice at the intermediate level is covered in Education 306). Directed observation and student practice in selected schools. Grading is P/NR.

Student Teaching Fee: $40.

Geography

205 Fundamentals of Geography

3 Hrs.

Both physical and social aspects of geography treated through study of the earth's surface and man's response to his physical environment with some emphasis on reading and interpreting maps and globes; designed primarily for elementary education certification requirements.

Physical Education

The physical education program emphasizes recreational sports skills. Through active participation in this program the student should acquire the skills and habits which will enable her to live a healthy and active life.

The Distributed Requirements, Area VII, may be met by any two courses; all physical education courses are graded on a Pass/No Record basis. A student may enroll in any number of physical education courses, but only two hours of physical education credit may be counted toward the 122 hours required for a bachelor's degree. Physical education courses should be taken by the end of the sophomore year.

01 Varsity Tennis

1 Hr.

Designed for the above average, highly skilled student who desires intercollegiate competition in tennis.

Requirements: membership by tryouts, participation on team during season, current medical examination, conference, and college eligibility.

May be repeated for credit.

03 Club Volleyball

1 Hr.

Designed for the student who desires club competition in volleyball.

Requirements: Membership by tryouts, participation on both intramural and club team during season, current medical examination, and college eligibility.

May be repeated for credit.

15 Dolphin Club

1 Hr.

Performing group. Produces an annual water show. Membership by tryouts.

May be repeated for credit.

21 Beginning Tennis

1 Hr.

Fundamental skills of tennis (forehand, backhand, serve); emphasis on development of strokes; course for the beginner.

23 Advanced Beginning Tennis

1 Hr.

Emphasis on strengthening fundamental skills. Designed for the student who has had some experience with tennis or a course in beginning tennis. Singles and doubles competition within the class.

25 Intermediate Tennis

1 Hr.

Emphasis on improving fundamental skills, advanced strokes, and techniques; singles and doubles competition within the class.

May be repeated for credit.

31 Beginning Modern Dance

1 Hr.

An introduction to the basic principles of rhythm, design, and dynamics in modern dance; concentration on movement techniques, improvisation, and dance composition.

32 Intermediate Modern Dance

1 Hr.

Continuation of Physical Education 31, emphasizing comprehensive study of movement techniques as applied to dance composition and improvisation.

34 Dance Production

1 Hr.

Experience in the production of a dance program.

Prerequisite: Physical Education 31 or previous dance experience.

May be repeated for credit.

35 Folk and Square Dance

1 Hr.

Recreational type activity class in folk dance and both traditional and modern square dance. Experiences in instruction for students who plan to work in elementary education, recreation, and related fields.

36 Ballet I

1 Hr.

An introduction to classical ballet. Covers all the theoretical knowledge and practical requirements of the Grade I syllabus of the Cecchetti Council of America, Inc.

May be repeated for credit.

37 Body Dynamics

1 Hr.

Principles of body movement and their application to everyday living; activities for improving body alignment, coordination, relaxation, and fitness.

May be repeated for credit.

51 Beginning and Advanced Beginning Swimming

1 Hr.

For the non-swimmer and beginner; basic safety skills, front crawl and elementary back stroke; opportunity to earn Red Cross certificates.

53 Intermediate Swimming

1 Hr.

Elementary back, front crawl, breast, side, and back crawl strokes; safety skills; opportunity for Red Cross certificate.

55 Synchronized Swimming

1 Hr.

Strokes, stunts, and skills: beginning through advanced level; creative experience in solo, duet, and team routines.

Prerequisite: Intermediate Swimming 53 or higher level.

May be repeated for credit.

57 Advanced Life Saving

1 Hr.

Provides the student with the knowledge and skills designed to save her own life or the life of another if the emergency arises; also Red Cross certificate.

58 Water Safety Instructor's Course

1 Hr.

Increased knowledge, judgment, and teaching skill for training others; Red Cross certificate.

Prerequisite: Senior Life Saving.

61 Beginning Golf

1 Hr.

Fundamentals of golf for those who have little or no golf skill; grip, stance, club selection, etiquette, and rules. Approximately one fifth of class time is devoted to actual play.

Fee: approximately $20.

63 Advanced Beginning Golf

1 Hr.

Major emphasis is on the development of a sound golf swing. Attention is also given to putting, sand shots, uneven lies. Approximately one third of the class time is devoted to actual play.

Prerequisite: Beginning Golf 61 or permission of the instructor.

Fee: approximately $20.

69 Topics in Physical Education

1-2 Hrs.

This course provides an opportunity for study of various topics in the field of physical education which are not offered on a regular basis. The topics for the course will vary from term to term. May be repeated with different subtitles.

No more than one hour may count toward the Distributed Requirement, Area VII.

71 Riding

1 Hr.

Instruction offered at three levels: beginners, intermediate, and advanced; qualified students may hunt by arrangement.

Fee: $140.

May be repeated for credit.

92 Dual and Team Sports

1 Hr.

Participation in indoor team and dual sports; fundamental skills in basketball, volleyball, badminton, and deck tennis.

May be repeated for credit.

94 Gymnastics£

1 Hr.

Emphasis on basic tumbling techniques combined in floor exercise, uneven parallel bars, vaulting, and balance beam routines.

Three hours each week.

May be repeated for credit.

Political Science

The Queens College approach to the study of political science combines the normative and ethical character of the ancient Greeks with the empirical and analytical character of contemporary post-behavioralism.

Careers

Major study in political science may lead to careers in government, politics, law, journalism, teaching, or any of the many areas in which a liberal arts background is desirable. The opportunities for graduate study are extensive, and fellowships are available with which to fund such study.

Major in Political Science

Degree requirements: Political Science 100, 201, 250, 308, 313, 315, 336, 337, and six additional hours in political science; Sociology 315; either Mathematics 206 and three additional mathematics credit hours, or six credit hours at the 300 or 400 level in economics, history, psychology, philosophy, or sociology. The student should consider a focus in American government, international relations, or philosophy before deciding which of these related courses to pursue.

Minor in Political Science

Political Science 100 and 201 plus 12 additional credit hours in political science, of which 6 hours must be on the 300 level and selected from the core courses in the major.

Distributed Requirements

Political Science 100 or 201 meets the Area V Distributed Requirements. Political science majors may not use political science courses to fulfill Area V Distributed Requirements.

Prerequisite

Political Science 100 and 201 are prerequisites for taking any other political science course in the major or in the minor.

100 Introduction to Political Science

3 Hrs.

An introduction to basic concepts describin political activity, to the language and different approaches used in political science, an to the subfields of the discipline with emphasis upon comparative politics, international politics, empirical and normative political theory, public administration, and law and judicial behavior.

201 American Politics

3 Hrs.

Political institutions and behavior; introduction to the Presidency, Congress, Supreme Court; political parties and pressure groups as actors in politics; conservatism and liberalism as motivating philosophies.

202 Contemporary Political Issues

3 Hrs.

Study of major issues and problem areas in both American and international politics. Emphasis will be upon substantive background of the issue; introduction to the range of political concepts, actors and institutions related to these issues; and the variety of policy choices presented by these issues.

206 Political Ideology

3 Hrs.

Development and function of ideology in a political system; examination of contemporar fascist, socialist, communist, and democratic ideologies; new ideologies of emerging nations.

250 Comparative Political Systems

3 Hrs.

An introduction to comparative methods of political research. Attention will be given to a comparison of formal institutions and to basic social, economic, and cultural factors. Primary emphasis will concern the influence of these factors on political evolution and policy implementation within democratic and totalitarian governments.

300 Current Topics in Political Science

3 Hrs.

The study of selected approaches to the study of political activity or specialized topics of contemporary political science research. Possible topics include political psychology, political economics, and political fiction. Topics to be announced the term prior to offering.

301 European Political Systems

3 Hrs. Offered on Demand

Comparative analysis of political culture, institutions, and behavior in selected modern European nations; emphasis on England, France, and West Germany.

303 Communist Political Systems

3 Hrs. Offered on Demand

Analysis of communist theory and its practice in the political systems of the Soviet Union, Eastern Europe and China. Emphasis will be upon relating institutional characteristics of these systems with theoretical perceptions of life within them.

305 Developing Political Systems

3 Hrs. Offered on Demand

Introduction to the processes of political development and change, and to problems confronting developmental efforts of an emerging nation; emphasis on selected African, Asian, and Latin American nations.

308 Political Parties and Voting Behavior

3 Hrs.

Function of parties in a political system; comparative party systems; mass and cadre parties, proposals for more "responsible" parties; political attitudes and voting behavior.

310 State and Urban Politics

3 Hrs.

Political institutions, processes, and problems in the American states and municipalities.

311 Public Administration

3 Hrs.

A political analysis of the nature of government bureaucracies and how they operate. Special attention will be paid to the role of these bureaucracies in the American society, the decision-making processes in these bureaucracies, and the way in which these bureaucracies implement their own decisions as well as those made by higher authorities (such as legislatures or chief executives).

313 The Constitution and the Court

3 Hrs.

Historic interpretations of the American Constitution and major decisions in constitutional law; the Supreme Court and judicial decision-making.

315 Congress and the Presidency

3 Hrs.

Structure and functions of House and Senate, Executive Office and conflict and cooperation in domestic and foreign policy decision-making.

323 World Politics

3 Hrs.

Analysis of the nature of international politics as well as the study of the factors that govern the interaction of states, such as: nationalism, ideology, power, law, international organization, and personalities.

324 International Law

3 Hrs.

Analysis of the content and impact of man's attempts to order international relations through the development and implementation of a system of law.

325 American Foreign Policy

3 Hrs.

Major themes in the history of American diplomacy since 1898 with emphasis on their applications, modification, and development in relation to America's increased world responsibilities as a world power.

Prerequisite: History 203 or 204 or permission of the instructor.

NOTE: Students may elect this course as History 325.

326 Contemporary American Foreign Policy

3 Hrs.

Analysis of the role of the United States in contemporary world politics; emphasis upon the nature of the foreign policy-making process and the rationale, content, and impact of contemporary American international actions and policies.

Prerequisite: History 204 or permission of the instructor.

NOTE: Students may elect this course as History 326.

336 Political Theory I

3 Hrs.

Political thought from classical Greece to Hobbes; examination of the content of political thought and its sources in and impact upon society during the ancient, medieval and renaissance periods.

NOTE: Students may elect this course as Philosophy 336.

337 Political Theory II

3 Hrs.

Political thought from Hobbes to the Twentieth Century; examination of the content of political thought and its sources in and impact upon society from the Seventeenth Century to the Twentieth Century.

NOTE: Students may elect this course as Philosophy 337.

350 Directed Study

3 Hrs.

Investigation of a specialized topic in political science through research, special instruction, and assigned readings. A paper and oral or written examination by staff are required.

Prerequisite: Approval of department.

351 Professional Internship in Political Science

3 Hrs.

Field experience in application of political science theory and methods in selected agencies and organizations. May be repeated up to 6 hours. Credit applicable to political science major. Open primarily to junior and senior majors. Permission of instructor is required.

450 Independent Study

3 Hrs.

Opportunity for independent investigation of a topic by means of a thesis or a program of directed readings; oral examination by department members.

Open to seniors with permission of the department.

Psychology

The department emphasizes the development of an understanding of factors important in determining behavior. Introductory courses present basic psychological principles; upper level courses provide opportunities for further work in areas of special interest. Training is provided in subject matter of the field and in techniques of data gathering and analysis.

Careers

A major in psychology provides a basis for graduate study in areas of psychology, education, social sciences, social work, and related fields as well as a foundation for careers in personnel, social work, mental health, and similar areas.

Major

Requirements: Psychology 201, 205, 303, 306, 306L, 401, and at least 19 additional hours i the department as approved by the major adviser. Mathematics 101 or 105 is required for a major in psychology. Biology 112 and Philosophy 203 are recommended.

Minor

Eighteen hours: Psychology 201; one course from Psychology 209, 308, 319; one course from Psychology 302, 303, 304; one course from Psychology 311, 314, 412; two courses from the entire departmental offerings. A student planning on minoring in psychology should check with a departmental member.

Distributed Requirements

The requirement, Area V, may be met by Psychology 201. Psychology majors may not use psychology courses to fulfill Area V Distributed Requirements.

Prerequisite

Psychology 201 is prerequisite to all other psychology courses.

201 General Psychology

3 Hrs.

Survey of the field of psychology emphasizing the results of scientific investigations in the area of behavior.

205 Statistical Methods in Psychology

3 Hrs.

Elementary study of statistical methods used in behavioral research, including consideration of both descriptive and inferential statistics.

Prerequisite: Mathematics 101 or 105.

Open to students majoring in psychology.

209 Child Psychology

3 Hrs.

Study of development processes from conception to puberty, with emphasis on theory, principles, and recent research.

302 Psychology of Personality

3 Hrs.

Survey of selected theories of personality, study of principles of personality development, and consideration of assessment techniques.

303 Social Psychology

3 Hrs.

Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perception, and the behavior of the individual in groups.

NOTE: Students may elect this course as Sociology 303.

303L Experimental Social Psychology

1 Hr.

Application of experimental methods to problems of social psychology such as attitude change, conformity, and leadership. Special problems of research design and techniques peculiar to the area of social psychology are considered.

Prerequisite or Corequisite: Psychology 303.

Three hours laboratory per week.

304 Abnormal Psychology

3 Hrs.

Study of the deviant individual from both the dynamic and behavioral viewpoints. The diagnosis, etiology, treatment, and prevention of maladaptive behavior are considered.

306 Experimental Methods in Psychology

3 Hrs.

Application of experimental methods to problems in perception, learning, and social behavior. Principles of research, including experimental design, use of apparatus, and procedural and statistical control are considered.

Prerequisite: Psychology 205.

This course must be taken concurrently with Psychology 306L.

306L Laboratory in Experimental Psychology

1 Hr.

Study of techniques and procedures of psychological research, and conducting of experiments in learning, perception, sensory processes, motivation, and social behavior.

Prerequisite: Psychology 205.

Three hours laboratory per week.

This course must be taken concurrently with Psychology 306.

308 The Exceptional Child

3 Hrs.

Study of the psychological problems of children who deviate from normative patterns of growth and development.

Prerequisite: Psychology 209 or permission of the instructor.

311 Psychological Tests

3 Hrs.

Introductory study of principles of test evaluation and interpretation and consideration of examples of the major types of psychological tests in reference to these principles.

314 Psychology of Learning

3 Hrs.

Survey of empirical findings on respondent and operant conditioning, and on human verbal learning, with consideration of research methods and design; critical examination of historical and contemporary learning theory.

315 Laboratory in Conditioning and Learning

1 Hr.

Conducting experiments in respondent and operant conditioning using both human and animal subjects, and in human verbal learning.

Prerequisite or Corequisite: Psychology 314. Three hours laboratory per week.

319 Psychology of Adolescence and Adulthood

3 Hrs.

Study of the developmental processes from puberty to old age, with emphasis on theory, principles, and recent research.

320 Introduction to Counseling

3 Hrs.

Survey of counseling approaches based upon various counseling theories. In studying the theories, emphasis will be placed on basic concepts, techniques, and the counseling relationship. Students will practice effective communication skills for use in counseling.

Prerequisite: Upper class standing or permission of the instructor.

351 Professional Internship in Psychological Services

3 Hrs.

Placement in a local agency for supervised experience in programs stressing psychological services. Possible service areas include mental health, mental retardation, juvenile delinquency, drug abuse, assessment, and psychological aspects of music therapy and art therapy. Evaluation of experiences and related readings in weekly seminars.

Admission by permission of instructor. May be repeated once. Credit received for the repetition may not be applied to a major in psychology.

Two hours seminar and seven hours field work a week.

352 Topics in Psychology

3 Hrs.

Intensive consideration of a problem in psychology. The topic for the course will vary from term to term.

Prerequisite: Sophomore status or above.

May be repeated with different subtitles. No more than three hours may be applied to a major in psychology.

401 Advanced General Psychology

3 Hrs.

Consideration of the major areas of psychology from classical positions through contemporary viewpoints.

412 Physiological Psychology

3 Hrs.

Introduction to the nervous system and internal environment and their effects upon behavior. Normal and abnormal conditions discussed with respect to sensation, learning, emotion, and motivation are considered.

413 Laboratory in Physiological Psychology

1 Hr.

Conducting experiments and laboratory exercises in areas of physiological psychology, including neuroanatomy, endocrine functions, brain stimulation, and drug effects.

Prerequisite or Corequisite: Psychology 412.

Three hours laboratory per week.

449, 450 Independent Research

1, 3 Hrs.

Opportunity for independent investigation of topics by means of reading and/or experimentation. First term is devoted to formulating the problem, determining its method of investigation, and compiling a bibliography; second term, to collecting the data and writing a report.

Prerequisite: Permission of the department; also, Psychology 449 is prerequisite to Psycholgy 450.

451 Seminar in Psychology

1, 2, or 3 Hrs.

Seminar dealing with areas of psychology not covered in the regularly scheduled courses such as personnel psychology and behavior modification. Admission by permission of instructor.

452 Directed Readings in Psychology

1, 2, or 3 Hrs.

Independent investigation of a topic through a program of directed readings; oral examination conducted by department members.

Admission by permission of instructor.

May be repeated.

Sociology

The department offers a curriculum designed to introduce the student to the systematic study of humans in interaction and the social causes and consequences of human behavior. Upper level courses afford the student the opportunity to explore specific areas within the discipline as well as acquired methodological and research skills.

Careers

A major in sociology provides the advantages and experience of traditional liberal arts education as well as an appropriate background for persons entering fields ranging from public health, business administration, social work and law to public relations, personnel services and urban planning. The acquisition of analytical and research skills may be utilized in varying situations such as program evaluation in human service organizations, management, and business related fields such as consumer research.

Information on career-oriented specializations such as demography, applied research, criminal justice, social work, and urban affairs is available from the department.

Major

Degree requirements: 27 credit hours in sociology including 203, 310, 315, 450, and six additional credit hours from among the ollowing: political science, psychology, and conomics (excluding Economics 205). athematics 206 and Computer Science 100 nd 110 are required for a major in sociology.

inor

ociology 203 and fifteen additional hours, ine of which are to be selected from ociology 310, 313, 315, 340, or 394.

istributed Requirements

he requirement, Area V, may be met by ociology 203. Sociology majors may not use ociology courses to fulfill Area V Distribtive Requirements.

rerequisite

ociology 203 is prerequisite to all courses the department, except Sociology 204 nd 316.

03 Principles of Sociology

Hrs.

asic concepts and principles of sociology; elationships and meaning of culture, society, ersonality, and interaction; analysis of roup structure and social organization.

04 Social Issues and Problems

Hrs.

sociological consideration of critical issues contemporary society relating to individual eviation, social disorganization, and social hange; emphasis on causal factors, societal esponse, and proposed solutions.

05 Social Work and Social Policy

Hrs.

he course deals in part with the evolution f social work and social philosophy and eir relation to changing societal needs. also focuses on current social problems nd attempts to solve them at the national olicy-making and community levels. Both eory and the practical problems of social ork are stressed. The viewpoints of various ocial science disciplines (e.g., sociology, conomics, political science) are considered.

00 Specialized Areas in Sociology

Hrs.

he topics for each term are included in the lass schedule.

03 Social Psychology

Hrs.

Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perceptions, and behavior of the individual in groups.

Prerequisite: Psychology 201.

NOTE: Students may elect this course as Psychology 303.

304 Marriage and Family

3 Hrs.

A study of the family as a social institution; types of family life; changing familial roles in contemporary society.

Prerequisite: Upperclass standing or permission of the instructor.

310 Contemporary Sociological Theory

3 Hrs.

Development of social thought as reflected in the works of major theorists, with emphasis on influential contributions to the development of modern sociology.

Prerequisite: Six credit hours of sociology.

312 Complex Organizations

3 Hrs.

Designed to acquaint student with the concepts, theories, and research methods appropriate to organizational sociology. Particular attention is given to the consequences of differential structures for human behavior.

NOTE: Students may elect this course as Business 312.

313 Cultural Anthropology

3 Hrs.

Comparative study of culture with emphasis on preliterate societies; past and present variation of man and culture. Factors in stability and change and relation of culture to personality.

315 Methods of Sociological Inquiry

3 Hrs.

The scientific method applied to social phenomena; methodological orientations in sociology; research procedures; techniques for collecting data; measuring social variables; and interpreting research findings.

Prerequisites: Sociology 203 and Mathematics 206.

316 Women in Society

3 Hrs.

An analysis of the female in regard to sex role stereotyping through an examination of the status of women, cross cultural role differences and the dynamics of the socialization process.

318 Criminology

3 Hrs.

An examination of the extent, distribution, and character of crime and delinquency with emphasis on sociological theory research on causation, prediction, and prevention, analysis of the consequences of variable social reactions to crime.

Prerequisite: Sociology 203.

320 Population

3 Hrs.

An analysis of human behavioral patterns, values, and ideologies that are relevant to the number, distribution, and composition of populations, including an examination of the inter-relationships of the components of population analysis; fertility, mortality, and migration.

Prerequisite: Sociology 203 or permission of the instructor.

325 Urban Sociology

3 Hrs.

A study of the genesis, growth, and spatial patterns of cities including an analysis of distribution and function of metropolises from an ecological perspective. Attention is also given to contemporary urban problems.

Prerequisite: Sociology 203.

330 Directed Individual Study

1-3 Hrs.

Independent reading and investigation of the literature relevant to a specific topic or area in sociology. Open to juniors, seniors, and others with permission of the instructor.

340 Social Stratification

3 Hrs.

An examination of systems of social strat fication; theoretical perspectives on stratific tion and differentiation; the interaction of class, status, and power; consequences of class differences in modern America.

Prerequisite: Sociology 203.

351 Professional Internship in Sociolo

3 Hrs.

Field experience in application of sociolog cal data, theory, and methods in selected agencies and organizations. May be repeat once. Open primarily to junior and senior majors. Permission of instructor required.

394 The Black Minority in American Society

3 Hrs.

A socio-historical study of minority group relations emphasizing key periods and issu in the history of the Afro-American—the problems faced, the responses made, and the consequences and significance of this heritage for both blacks and whites.

NOTE: Students may elect this course as History 394.

450 Senior Seminar

3 Hrs.

Discussion and analysis of the relationship between sociological theory and research. Within an area of theoretical interest the student proposes a study design and subsequently completes the proposed project.

Prerequisites: Sociology 310 and 315; Computer Science 100 and 110.

452 Independent Research

1-3 Hrs.

Independent research and study of approv problems or projects. Opportunity of speci additional application of research method skills. Open to senior sociology students.

Prerequisites: Sociology 450 and permission of instructor.

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ampus Post Office

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arah L. Minnis
irector of Public Safety
A., Appalachian State University

lary L. Rollings
ieutenant
rime Prevention Officer

Neil D. Ray
Corporal
Field Training Officer

Michael T. Mullis
Public Safety Officer

Johnny Wright, Jr.
Public Safety Officer

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Patrolman

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Dispatcher
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Director
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Saga Book Store Manager
B.A., Queens College

Donna Trask
Secretary
Saga Food Service

Student Services

Office of Student Affairs

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Resident Assistants

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Kate Campbell
Terri Smallwood
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Carol Baist
Laura Norris
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Becky Nam
Alison Forsythe
Wallace Residence Hall

Heath Services

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Date following name and title indicates year of appointment.

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magna cum laude
Brenda Sue Brockway
Mary Alice Burns
Kimberly Anne Campbell
Cynthia Anne Cline
magna cum laude
Diane Small Cline
cum laude
Vivian Mabel Ferrari
Jennifer Louise Fischer
Mary Rita Gibbs
Gayla Gillis
Nancy Pendleton Godshall
Jane Bailey Graham
summa cum laude
Joy Greenway
Sharon Lenora Hammond
Miriam Elizabeth Hand
summa cum laude
Pamela Susan Heinig
magna cum laude
Patricia Eileen Inserra
Anita Hope Kiser
magna cum laude
Melissa Stewart Lee
magna cum laude
Meredith Ann Lide
Lenora Ruth Lisenco
magna cum laude
Stacy Ashlin Looney
Christine Marie Louttit
summa cum laude
Jane Annette Moore
Cathy Jan Naetzker
Linda Kaye Dillingham Noe
cum laude
Linda Eileen Overfield
Peggy Melissa Patrick
cum laude
Cam R. Perry
Crystal Hope Rollins
Karen Anita Rollins
Rebecca Sue Pressley Royster
Joan Marie Salas
Kimberly Ann Schrum
Windie Sue Shepherd
Mary Lillian Stark
Helen Blair Styers
magna cum laude
Miriam Patton Thrailkill
magna cum laude

Jane Murphey Tunno
Tonya Leigh Wertz
Josephine Elizabeth Wilkerson
Martha Elizabeth Wood

Bachelor of Music

Linda Carol Perry Allen
cum laude
Jan Patrice Helms Dickerson
cum laude
Debra Jane Round Knoespel
summa cum laude

Bachelor of Science

Loretta Marie Callan
Virginia Glover Favreau
cum laude
Catherine Lynn Justis
Paula Ann Pearce
Brenda Liles Poole

Bachelor of General Studies

Jean Huneycutt Honey
Carleton English Montgomery
summa cum laude

Secretarial Certificates

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Lisa Gay Ferguson
Mary Jeanette Fortune
Julie Gaynell Glover
Jane Kathryn Gray
Susan Jane Helms
Marian Annette King
Laura Dell Lassiter
Donna Lynn Mock
Linda Jean Moss
Elizabeth Anne Myers
Margaret Lynn Whitlock
Janice Dawn Woods

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Maria George Gavrilis
Marilyn Elizabeth Griffin
Sarah Nelms Morison
Pamela Joyce Plyler

Bachelor of Music

Betty Cox Barnette
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Stephanie Leigh Oliver
Donna Marie Robertson

Secretarial Certificate

Joy E. Davies

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Fletcher Melvin Green, II
Richard Bryant Moore
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Brenda Hill Skinner
Riley Buren Sloan, Jr.
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Donald Dean Wade

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John William Boyle
Robert Jay Friedheim
Harry LeRoy Keller
William Leonard McPherson
Kenneth Morris O'Connell
John Charles Snyder
Paul Archibald Stroup
Randy Thomas Tropasso

New College

Bachelor of Arts

Theresa Ann Reilly Alsop
magna cum laude

Candidate for Degree Summer 1982

Bachelor of Arts

Diane Johnson Buetow

Honors and Awards

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Beth Marrene Hays
Chief Marshal
Elizabeth Baxter Wood
Chief Marshal
Brenda Faye Allen
Nancy Kathleen Carson
Lisa Moore Culley
Susan Lay McConnell
Rebecca Snow Reagan
Lim Yew See
Sally Susan Shearer
Irene Vaughan Zurek

Algernon Sydney Sullivan Awards

Pamela Susan Heinig
Mildred L. Miscally

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Joyce H. Shealy

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Laura Elizabeth Clarke
Bridget Babette Davis
Kelly Jean Gallant
Beth Marrene Hays
Susan Lay McConnell
Nancy Rebecca Simpson

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Laura Jane Daly
Catherine Garnett Flagg
Jane Randall Hughes
Ginger Ellen King
Sally Susan Shearer
Cynthia Marceil Spraker
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A number of scholarships are made available to Queens students through friends of the college. These scholarships are awarded on the basis of financial need, and vary in amounts depending on the need of the recipient. Endowed scholarships include the following funds:

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Ettie Aydlett Minor
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  Scholarship Fund
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Charlotte Woman's Club
Guild of Charlotte Artists
Presbyterian Hospital
Professional Secretaries
  International, Charlotte Chapter
James M. Johnston Trust
Blumenthal Fellowships for
  MBA Students
Ginter Fellowships for
  New College Students

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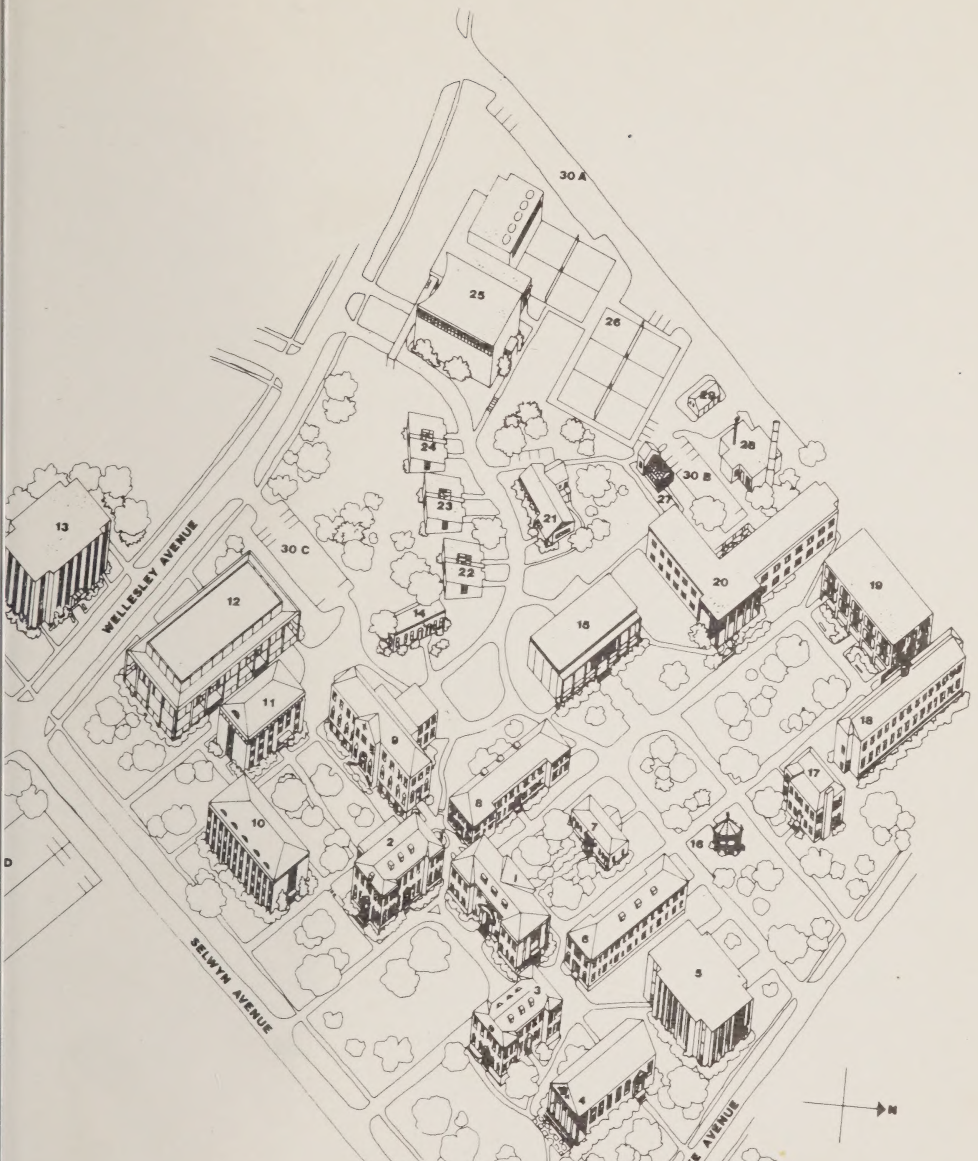
Queens College Map

1. Burwell Hall
2. McEwen Building
3. Jernigan Student Center
   Queens Career Center
4. Belk Chapel
5. Albright Residence Hall
6. Long Residence Hall
7. Early Learning Center
8. Watkins Hall
9. Morrison (Dining Room, Saga Book Store)
10. Walker Science Building
11. Dana Classroom Building
12. E.H. Little Fine Arts Center
13. Barnhardt Residence Hall
14. Maintenance
15. Everett Library
16. Chi Omega Arbour
17. Stultz Building
18. Belk Residence Hall
19. Wallace Residence Hall
20. Harris Residence Hall
21. Irwin McKay Infirmary
22. Faculty Club
    Chi Omega Lodge
23. Phi Mu Lodge
    The Web
24. Alpha Delta Pi Lodge
    Kappa Delta Lodge
25. Ovens Physical Education Building
26. Tennis Courts
27. Green House
28. Heating Plant
29. Maintenance Shop
30. Parking Lots (A-E)
31. Mecklenburg Presbytery Office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WELLESLEY AVENUE
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